

STEREO CASSETTE DECK

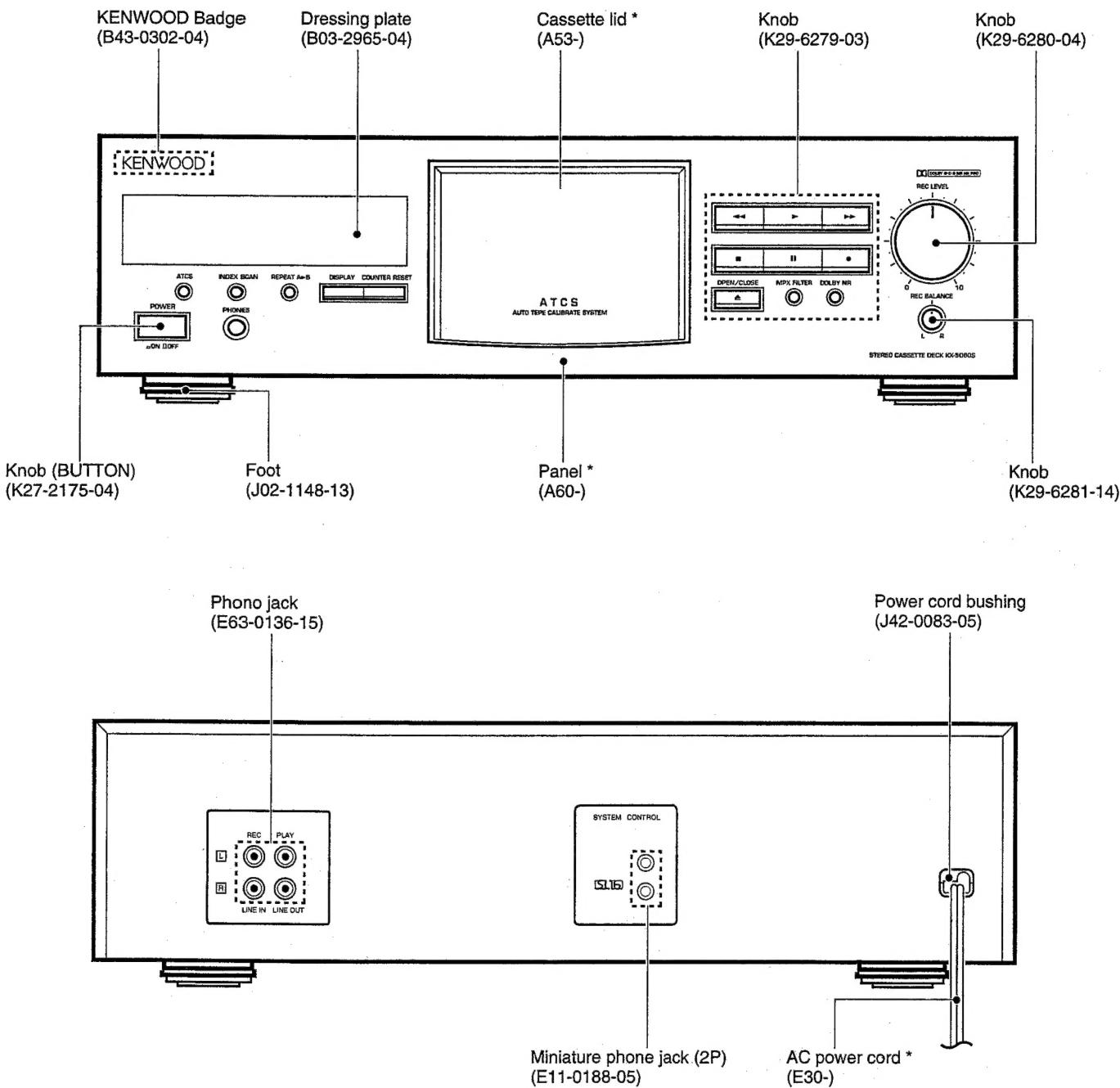
KX-3080/5080S

SERVICE MANUAL

KENWOOD

© 1996-2/B51-5148-00 (K/K) 2534

Illustration is KX-5080S.



* Refer to parts list on page 25.

KX-3080/5080S

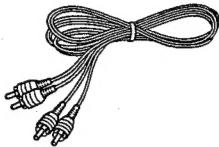
CONTENTS / ACCESSORIE / CAUTION

Contents

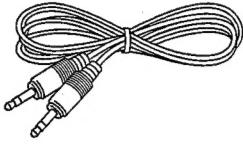
CONTENTS / ACCESSORIES / CAUTION	2	SCHEMATIC DIAGRAM	15
CONTROLS	3	EXPLODED VIEW (DECK MECHANISM)	23
BLOCK DIAGRAM	4	EXPLODED VIEW (UNIT)	24
CIRCUIT DESCRIPTION	5	PARTS LIST	25
ADJUSTMENT	11	SPECIFICATIONS	29
PC BOARD	13		

Accessories

Audio cord 2
(E30-0505-05)



System control cord 1
(E30-2816-05)



AC plug adaptor 1
(E03-0115-05)



(Except for Europe and Australia)
For the unit with a European AC plug in
areas other than Europe.

Caution

Beware of condensation

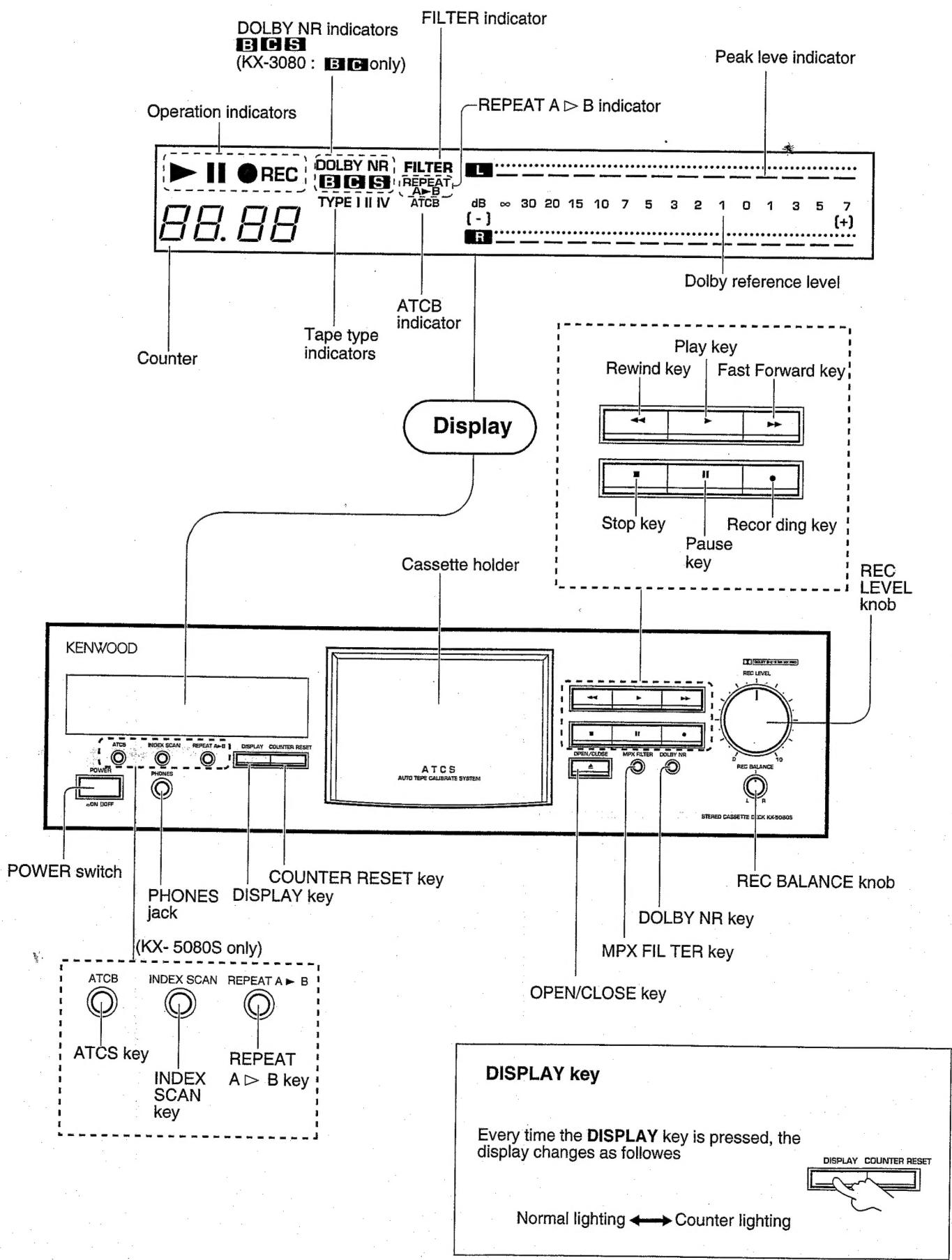
When water vapor comes into contact with the surface of cold material, water drops are produced. If condensation occurs, correct operation may not be possible, or the unit may not function correctly. This is not a malfunction, however, and the unit should be dried. (To do this, turn the POWER switch ON and leave the unit for several hours.)

Be especially careful in the following conditions:

- When the unit is brought from a cold place to a warm place, and there is a large temperature difference.
- When a heater starts operating.
- When the unit is brought from an air-conditioned place to a place of high temperature with high humidity.
- When there is a large difference between the internal temperature of the unit and the ambient temperature, or in conditions where condensation occurs easily.

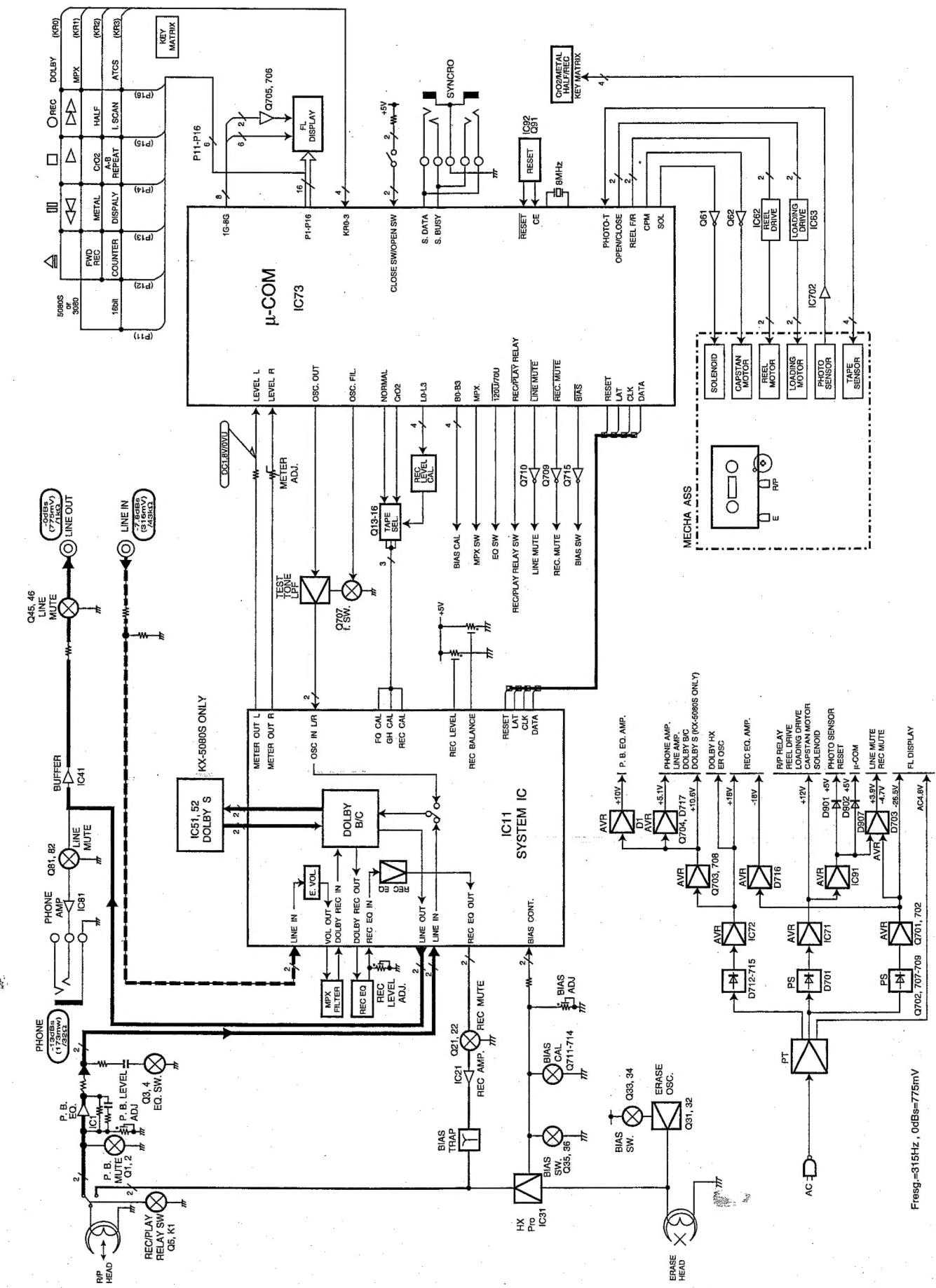
KX-3080/5080S

CONTROLS



KX-3080/5080S

BLOCK DIAGRAM



KX-3080/5080S

CIRCUIT DESCRIPTION

Microprocessor periphery block diagram

SW0 : Test mode 1

SW1 : Model function

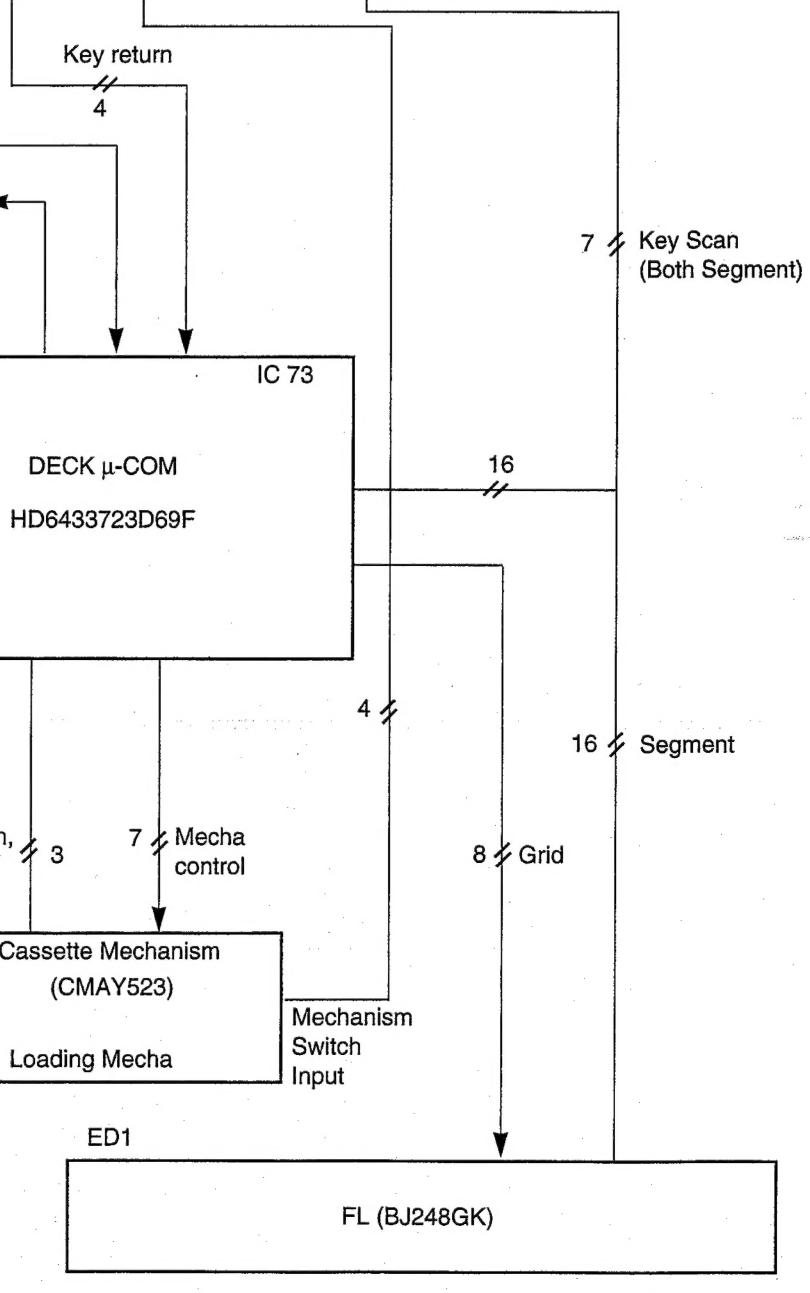
Model	Dolby NR (S)	A.T.C.S / index Scan / A-B Repeat	SW1
KX-3080	X	X	0
KX-5080S	0	0	1

SW2 : Setting of serial mode
(XS8 / SL16)

[() : μ-Com IC port]

	KS1(29)	KS2(28)	KS3(27)	KS4(26)	KS5(25)	KS6(24)
KR0 (1)	SW0	open / close	II pause	■ stop	● rec	dolby NR
KR1 (2)	SW1		◀ rew	▶ play	▶▶ ff	MPX filter
KR2 (3)	SW2	rec inhibit	metal	pack	cro2	
KR3 (4)		counter reset	display	A - B repeat	index scan	ATCS

※ SW0-SW2 : Diode matrix



KX-3080/5080S

CIRCUIT DESCRIPTION

Pin description

Pin No.	Name	I/O	Description		
1	KR0	I	Return pin of auto key scan 0		
2	KR1	I	Return pin of auto key scan 1		
3	KR2	I	Return pin of auto key scan 2		
4	KR3	I	Return pin of auto key scan 3		
5	AVss		Standard GND for A/D input		
6	TEST		Chip test pin. to Vss		
7	X2	I	Crystal oscillator connection pin. to Vcc open		
8	X1	I	Crystal oscillator connection pin. to Vcc open		
9	Vss		GND for operation		
10	OSC1	I	System clock oscillator connection		
11	OSC2	I	System clock oscillator connection		
12	RESET	O	μ -COM RESET		
13	OPEN	O	Loading motor terminal (Forward)		
14	CLOSE	O	Loading motor terminal (Reverse)		
15	REEL R	O	Reel motor terminal (Reverse)		
16	REEL F	O	Reel motor terminal (Forward)		
17	400/12.5 k	O	OSC filter selection	H : 400Hz	L : 12.5kHz
18	OSC OUT	O	Output square wave using TIMER E		
19	PHOTO(T)	I	Photo interrupter detect input		
20		O	Unused		
21	RPC	O	Mechanism motor control output	H = FF, RWD	L = PLAY
22	SOL	O	Mechanism solenoid control output		
23	METAL CPM	O	CAPSTAN MOTOR TERMINAL	H = ON	L : OFF
24	P16/KS6	O	Segment output for FDP : p : key scan output 6		
25	P15/KS5	O	Segment output for FDP : o : key scan output 5		
26	P14/KS4	O	Segment output for FDP : n : key scan output 4		
27	P13/KS3	O	Segment output for FDP : m : key scan output 3		
28	P12/KS2	O	Segment output for FDP : l : key scan output 2		
29	P11/KS1	O	Segment output for FDP : k : key scan output 1		
30	P10/KS0	O	Segment output for FDP : j : key scan output 0		
31	P9	O	Segment output for FDP : i		
32	P8	O	Segment output for FDP : h		
33	P7	O	Segment output for FDP : g		
34	P6	O	Segment output for FDP : f		
35	P5	O	Segment output for FDP : e		
36	P4	O	Segment output for FDP : d		
37	P3	O	Segment output for FDP : c		
38	P2	O	Segment output for FDP : b		
39	P1	O	Segment output for FDP : a		
40	Vfdp		Power supply pin for driving the FDP (-30[V])		
41	Grid 8	O	Grid output for FDP : 8G		
42	Grid 7	O	Grid output for FDP : 7G		
43	Grid 6	O	Grid output for FDP : 6G		

KX-3080/5080S

CIRCUIT DESCRIPTION

Pin No.	Name	I/O	Description	
44	Grid 5	O	Grid output for FDP : 5G	
45	Grid 4	O	Grid output for FDP : 4G	
46	Grid 3	O	Grid output for FDP : 3G	
47	Grid 2	O	Grid output for FDP : 2G	
48	Grid 1	O	Grid output for FDP : 1G	
49		O	Unused	
50		O	Unused	
51	REC/PLAY	O	REC/PB selection	H = REC L = PLAY
52	120 μ /70 μ	O	Play back equalizer control (High=70 μ /Low=120 μ)	
53	BIAS 0	O	Pin for variable bias(LSB)	
54	BIAS 1	O	Pin for variable bias	
55	BIAS 2	O	Pin for variable bias	
56	BIAS 3	O	Pin for variable bias (MSB)	
57	AVcc		μ -COM Power supply (+5[V])	
58	REC 0	O	Pin for variable REC equalizer (LSB)	
59	REC 1	O	Pin for variable REC equalizer	
60	REC 2	O	Pin for variable REC equalizer	
61	REC 3	O	Pin for variable REC equalizer (MSB)	
62	MPX ON/OFF	O	MPX filter switching	H = ON L = OFF
63	CRO2	O	HIGH only at CrO2 position	
64	NORMAL	O	HIGH only at NORMAL position	
65	RESET	O	CXA1778 DEVICE RESET SIGNAL OUTPUT	
66	CLK	O	CXA1778 CLOCK SIGNAL OUTPUT	
67	LAT	O	CXA1778 LATCH SIGNAL OUTPUT	
68	DATA	O	CXA1778 DATA SIGNAL OUTPUT	
69	BIAS ON OFF	O	Bias oscillator control	H : OSC
70	CE	I	Detects chip enable	L = BACK UP
71		O	Unused	
72	R MUTE	O	Recording mute control	L = MUTE ON
73	L MUTE	O	Line mute control	L = MUTE ON
74	P BUSY	I/O	Serial communication with other equipment (BUSY)	
75	P DATA	I/O	Serial communication with other equipment (DATA)	
76	AVcc		Reference voltage for A/D converter	
77	LEVEL L	I	A/D level input Lch	
78	LEVEL R	I	A/D level input Rch	
79	CLOSE SW	I	Loading close detection SW	L = CLOSE
80	OPEN SW	I	Loading open detection SW	L = OPEN

KX-3080/5080S

CIRCUIT DESCRIPTION

OPERATION SPECIFICATIONS MANUAL

1. FEATURES

- ① 2-motor, 1-solenoid, 2-head, single-capstan +1 motor loading
- ② A.T.C.S (KX-5080S ONLY)
- ③ DPSS(REPEAT, UP/DOWN SEARCH, ZERO STOP, REC STANDBY, DASH & PLAY)
- ④ INDEX SCAN [KX-5080S ONLY] mechanism
- ⑤ Dolby B/C/S, HX-PRO [Dolbys : KX-5080S ONLY]
- ⑥ XS8/SL16 (SERIAL OPERATION)
- ⑦ A-B REPEAT [KX-5080 ONLY]

2. OPERATION SPECIFICATIONS

2.1 A.T.C.S (Auto Tape Calibration System key)

Finely adjusts for the optimum bias for each type of tape : normal/chrome/metal. The bias has 16 levels.

When the tape type is changed, when a cassette with the recording prevent tab removed is mounted, or when the A.T.C.S key is pressed with A.T.C.S on A.T.C.S lit up), A.T.C.S ends. The display is cleared and the bias is returned to the center value.

(Summary of Operations)

- 10-second no-sound recording
- 200-ms recording with 400-Hz oscillation as standard bias
- Recording for 200 ms per level with 12.5 oscillation shifted in order through all 16 bias levels from the deepest
- Rewind to 400-Hz recording start point
- Playback with 400-Hz playback level sampled.
- 12.5-kHz playback level sampled at each bias level and the bias at which 400-Hz playback level \leq 12.5-kHz playback level taken as optimum bias level
- Rewind to 400-Hz recording start point ; end

2.2 XS8/SL16 System control

Combination with amps, receivers, etc. with the XS8/SL16 make easy bidirectional operation possible.

The 16-bit format is also supported.

- 1) Switch on the AC power while pressing the \blacktriangleright key.

The unit goes into 16-bit format and subsequent communications use the 16-bit format.

(The fact that the format is the 16-bit format is backed up.)

- 2) Switch on the AC power while pressing the \blacktriangleleft key.

The unit goes into 8-bit format and subsequent communications use the 8-bit format.

(The fact that the format is the 8-bit format is backed up.)

- 3) Short KS1 and KR2 with the diode and switch on the power. Communications use the 16-bit format, but if you press the \blacktriangleleft key or \blacktriangleright key while switching on the power, the format set with the \blacktriangleleft or \blacktriangleright key takes precedence.

2.3 Counter

This is a digital counter. When the unit is on standby and when the AC power is off, the counter value is backed up.

3. DEFAULT STATES

3.1 Main unit default states

ITEM	STATE
POWER	POWER ON
DOLBY	OFF
MPX FILTER	OFF
COUNTER	0000
DISPLAY	ALL DISPLAY MODE
A.T.C.S	OFF
REC EQ VALUES	CENTER
BIAS VALUES	CENTER
BIAS VALUES	CENTER
TAPE TYPE	TYPE I
SERIAL MODE	NOT SPECIFIED *

*When the serial format is not specified, the format is determined by the KS-1 \rightarrow KR2 diode short in the key matrix. (This is set at the factory for 8-bit format.)

3.2 Backed up data

- Dolby mode
- Digital counter
- MPX filter
- A.T.C.S REC EQ and bias value
- Serial mode (8/16 bit)
- Tape type

*Switching on the AC power pressing the Stop key initializes the unit.

KX-3080/5080S

CIRCUIT DESCRIPTION

4. TEST MODE

Setting method Test 1. While pressing the play key [▶], or shorting KSI and KRO with the diode, plug the power cord to the AC wall outlet.

※ KSI : pin2905 IC73

※ KRO : pin 105 IC73

- Ending test mode : Pause the unit or turned off the AC power. The contents of test mode are not backed up.

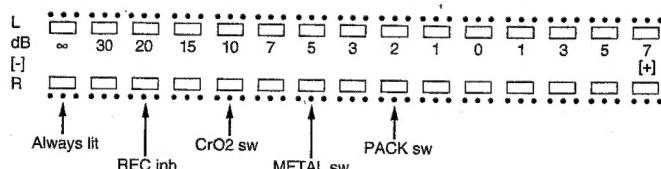
4.1 Test 1 specifications

(1) All-lit display

The display comes on 500 ms after the power is turneded on and for about 2 seconds the entire display lights up. At the and of the all-lit display, key input can be accepted.

(2) Mechanical turned display

The state of each of the mechanical turned is displayed on the right channel of the level meter when the line meter is on. There is no sutch display on the left channel.



(3) Direct change

Even in play mode, the unit goes directly into record mode.

(4) A.T.C.S

Setting ARM time reduced

(Maximum about 10 seconds → about 3 seconds)

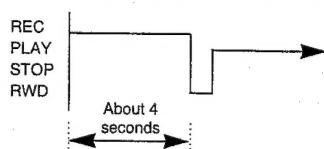
(5) A-B repeat

Setting A-B time reduced

(Maximum about 10 seconds → 2 seconds)

(6) 4-second recording

When you press the REC key, the unit records for 4 seconds, then automatically rewinds and plays back those 4 seconds. During recording, if you press the REC key again, 4 seconds are recorded from that time.



4.2 Synchronization test mode (KSJ-0816)

• Synchro test on

If the deck power is on, in any mode, the synchro test on code (E040H) turned on the synchro test

• Synchro test off

The synchro test off code (E041H) turned off the synchro test and returns the unit to the state it was in before the synchro test. Also, since the backing up is ended, the next time the power is turneded on, the default values are set in the backup area.

※ When the unit goes into synchro test mode, all the main unit keys are inhibited.

• Main unit key modes

The modes below carry out regular operations.

	CODE
FWD PLAY	E020H
FF	E022H
RWD	E023H
STOP	E024H
REC	E025H
PAUSE	E026H
FWD REC	E02CH
CD PEAK SEARCH	E030H
AUTO BIAS	E033H

Dolby control (code)

Dolby OFF --- E037H

Dolby B ON --- E038H

Dolby C ON --- E039H

KX-3080/5080S

CIRCUIT DESCRIPTION

- Tape selector (mechanical tape discrimination leaf turned) enable/disable
- Tape Selector On code (E042H)
Enables the mechanical leaf turned
- Tape Selector Off code (E043H)
Ignores the mechanical leaf turned
- When changing the tape selector with serial codes, input the above Off code (E043H), then change the selector with one of the following codes.

NORMAL (E029H)
CrO₂ (E02AH)
METAL (E02BH)

- 4-second recording, special codes

Reel pulse counter reset (E047H)

When the B deck is recording, this code resets the reel pulse counter (to 00).

Reverse rewind (E048H)

Puts the unit into rewind mode in the opposite direction from the current tape travel direction.

The reel pulse counter goes into count down mode.

Reverse play at the reel pulse counter reset position (E049H)

The direction is reversed and playback started at the position where the reel pulse counter was reset (the position where the E047H code was input).

- 4-second recording operation procedure

(1) B Recording (E025H) input

The unit starts recording with the B deck.

(2) Reel pulse counter reset (E047H) input

The reel pulse counter is reset to determine the rewind position. The external timer is started and the recording time measured.

(3) After the desired time is recorded, rewind (E048H) input

The tape travel direction is reversed and tape is rewind.

The reel pulse counter goes into count down mode.

Soon after, the operations in 4 are carried out.

- (4) Reverse play (E049H) input at reel pulse counter reset position

After the reel pulse counter counts down to the reset position (counter 00), the tape travel direction is reversed and play back starts.

If any other mechanical operation code is input during this series of operations, this operation mode may be ended and normal operation mode may be impossible.

KX-3080/5080S

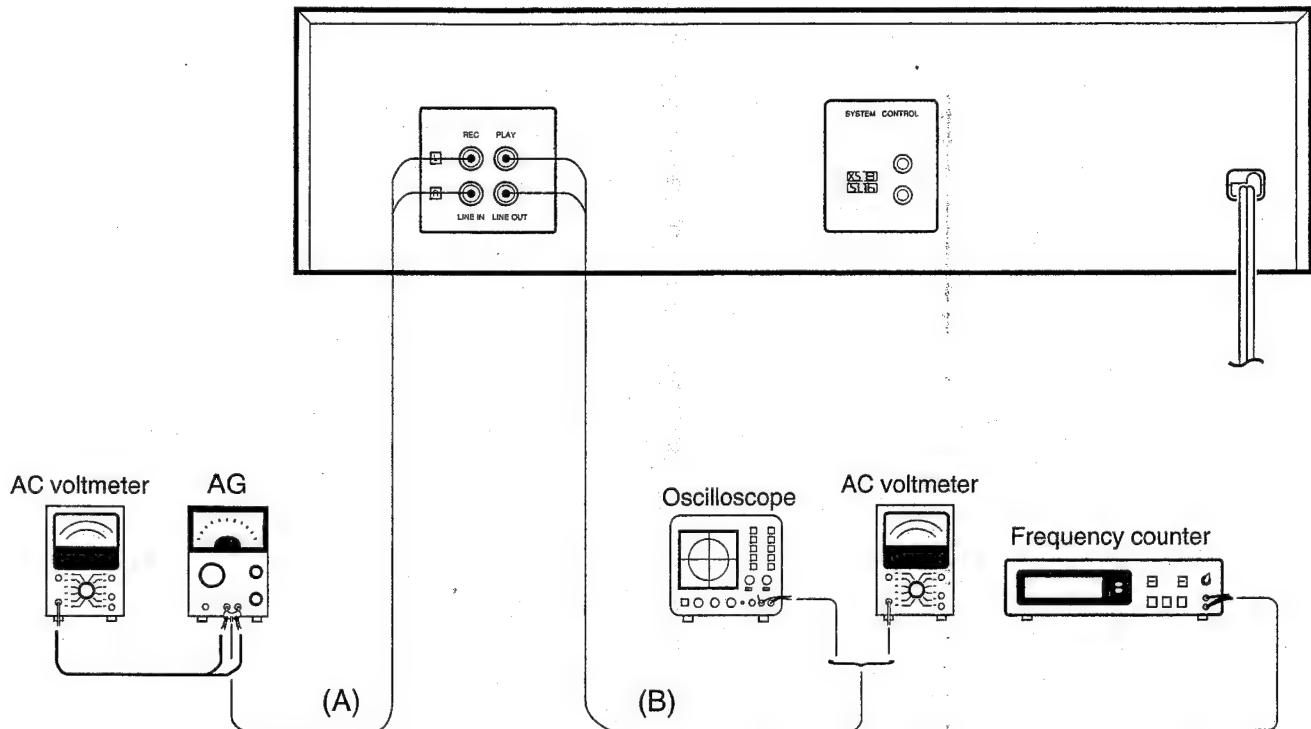
ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	CASSETTE TAPE DECK SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
Unless otherwise specified:each; switch should be set as follows :							0dBs = 0.775V
TAPE : NORMAL, DOLBY : OFF, INPUT : LINE							
I. Cassette mechanism section (REC/PB head adjustment)							
[1]	Demagnetization and cleaning	—	—	Power OFF, demagnetization, cleaning play	REC/PB head, erase head, capstan, pinch roller	Demagnetize the REC/PB head by head eraser. Clean the REC/PB head, erase head capstan and pinch roller with a cotton swab immersed in alcohol.	
[2]	REC/PB head azimuth	MTT-114, TCC-153 SCC-1727 10 kHz, -10 dB	(B)	PLAY	Azimuth adjustment screw	In a setting where the output is maximized, adjust the azimuth adjustment screw so that the Lissajous figure appearing on the oscilloscope screen comes near to a line slanted 45°. Note: The head should be installed in such a manner that it approaches the tape face.	(a)
II. PC board adjustment(X26-140)							
< 1 >	Tape speed	MTT-111 TCC-100 SCC-1727 3 kHz, -4 dB	(B)	PLAY	MOTOR	Adjust so that frequency is 3 kHz at the center of the tape.	
< 2 >	Playback level	MTT-150 400 Hz (200 nwb/m)	(B)	PLAY	VR1(L) VR2(R)	Adjust so that LINE OUT is -1.2dBs	
		MTT-256 SCC-1727 315 Hz (160 nwb/m)				Adjust so that LINE OUT is -4.0 dBs.	
		MTT-256U, TCC-160 315 Hz (250 nwb/m)				Adjust so that LINE OUT is 0 dBs.	
< 3 >	Bias current	(A) 1 kHz, -30 dBs 10 kHz, -30 dBs	(B)	Adjust the REC VR (LEVEL, BALANCE) so that the REC monitor output is -20 dBs at 1 kHz, and record and playback 1 kHz, and 10 kHz alternately.	VR13(L) VR14(R)	Record 1 kHz, and 10 kHz alternately, and adjust each bias current adjustment VR so that the 10 kHz play back level is +0.5 dB against 1 kHz.	
< 4 >	Recording level	(A) 1 kHz, -30dBs	(B)	Record and playback 1 kHz with the situation of above < 3 > kept as it is.	VR11(L) VR12(R)	Adjust the variable resistors so that a playback level of -20 dBs is obtained.	
< 5 >	FL meter 0 dB	(A) 1 kHz, -10 dBs	—	REC PAUSE adjust REC VR(LEVEL, BALANCE) so that the monitor output is 0 dBs at 1 kHz.	VR15(R)	Adjust to the same level as that to L-channel.	
Note: On item < 2 > in "II. PC board adjustment"							
Although 3 kinds of tapes are set forth for the playback level adjustment, the use of one tape suffices for adjustment. Here is meant no necessity for the use of all these 3 kinds of tapes. Other than the abovementioned tapes, when a test tape equal in magnetic flux and frequency is available, the adjustment is feasible with this test tape by making the playback output suited to the specified output level of this tape in agreement with the adjustment method.							

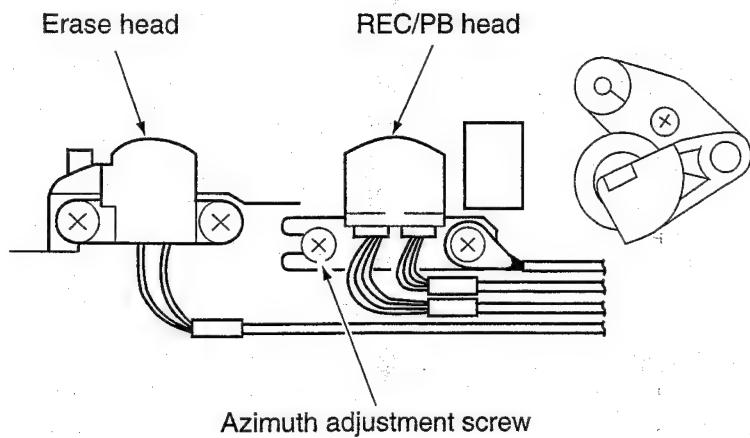
KX-3080/5080S

ADJUSTMENT

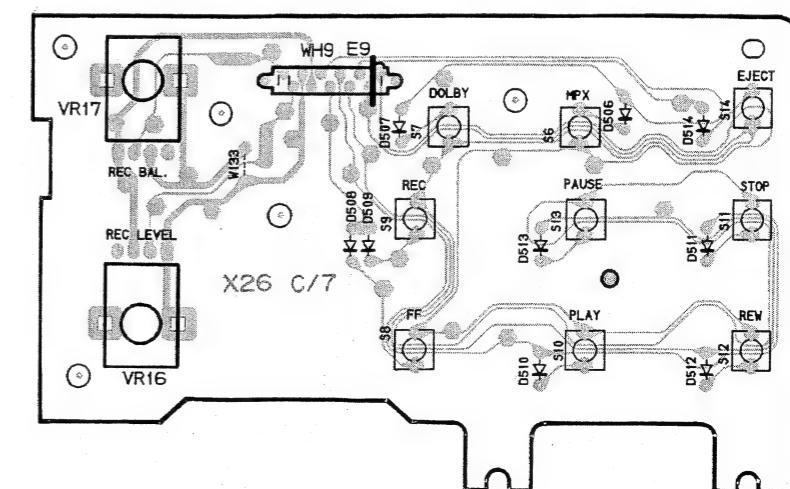
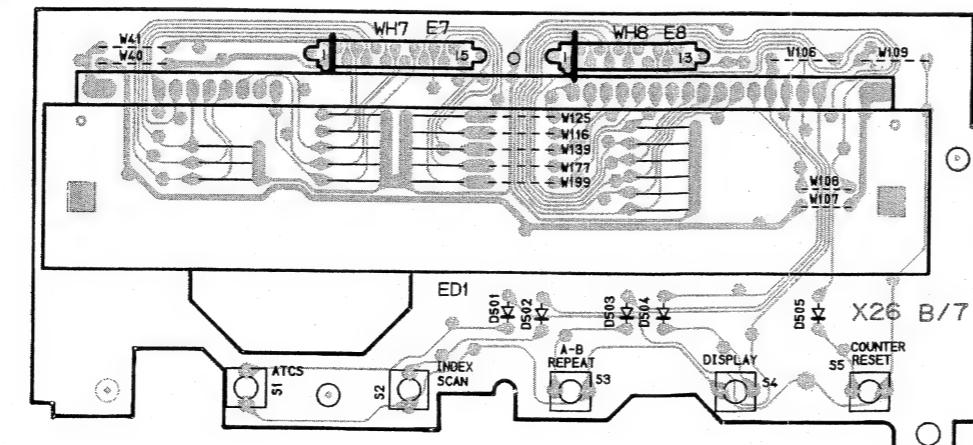
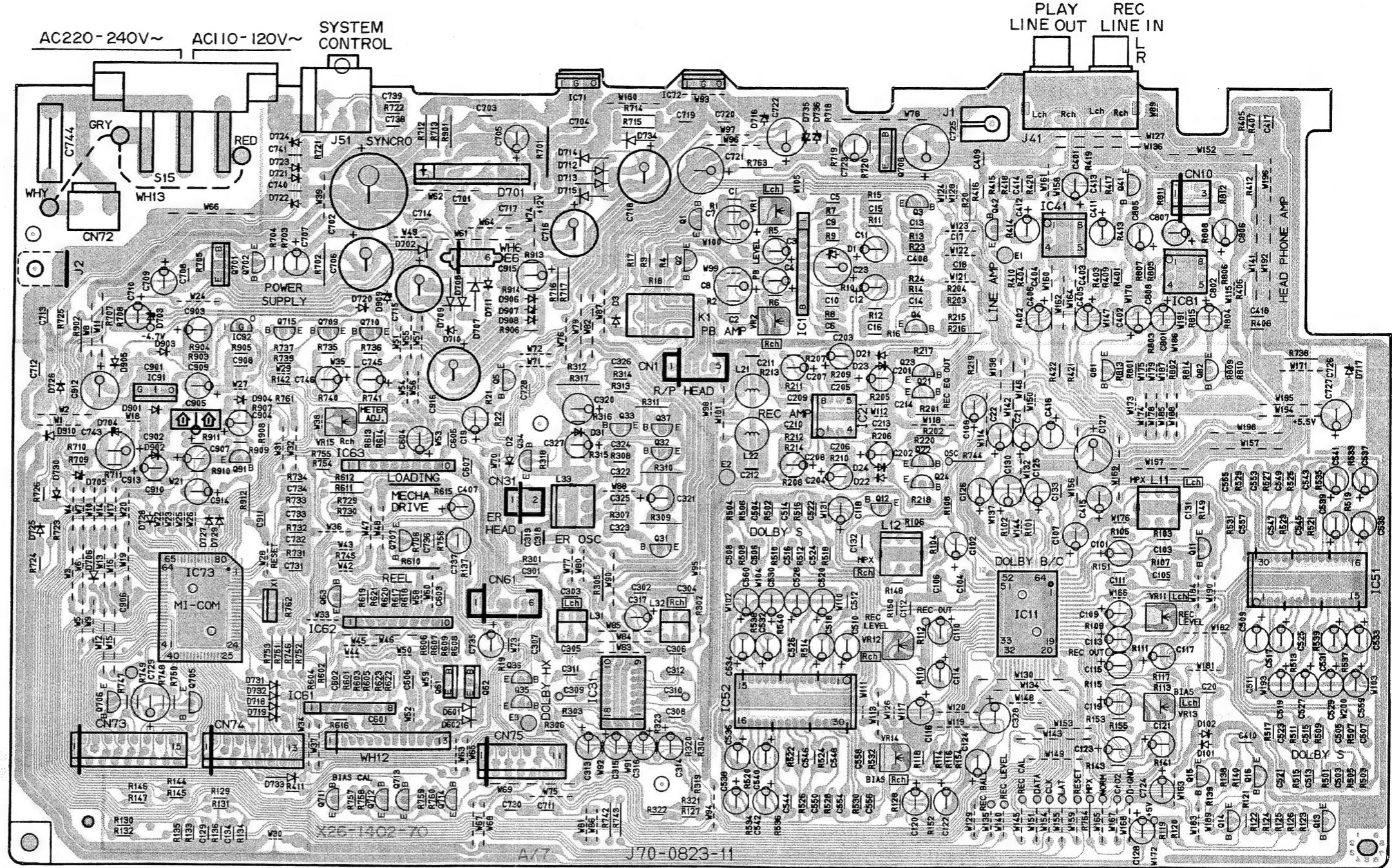
Measurement Equipment Connection :



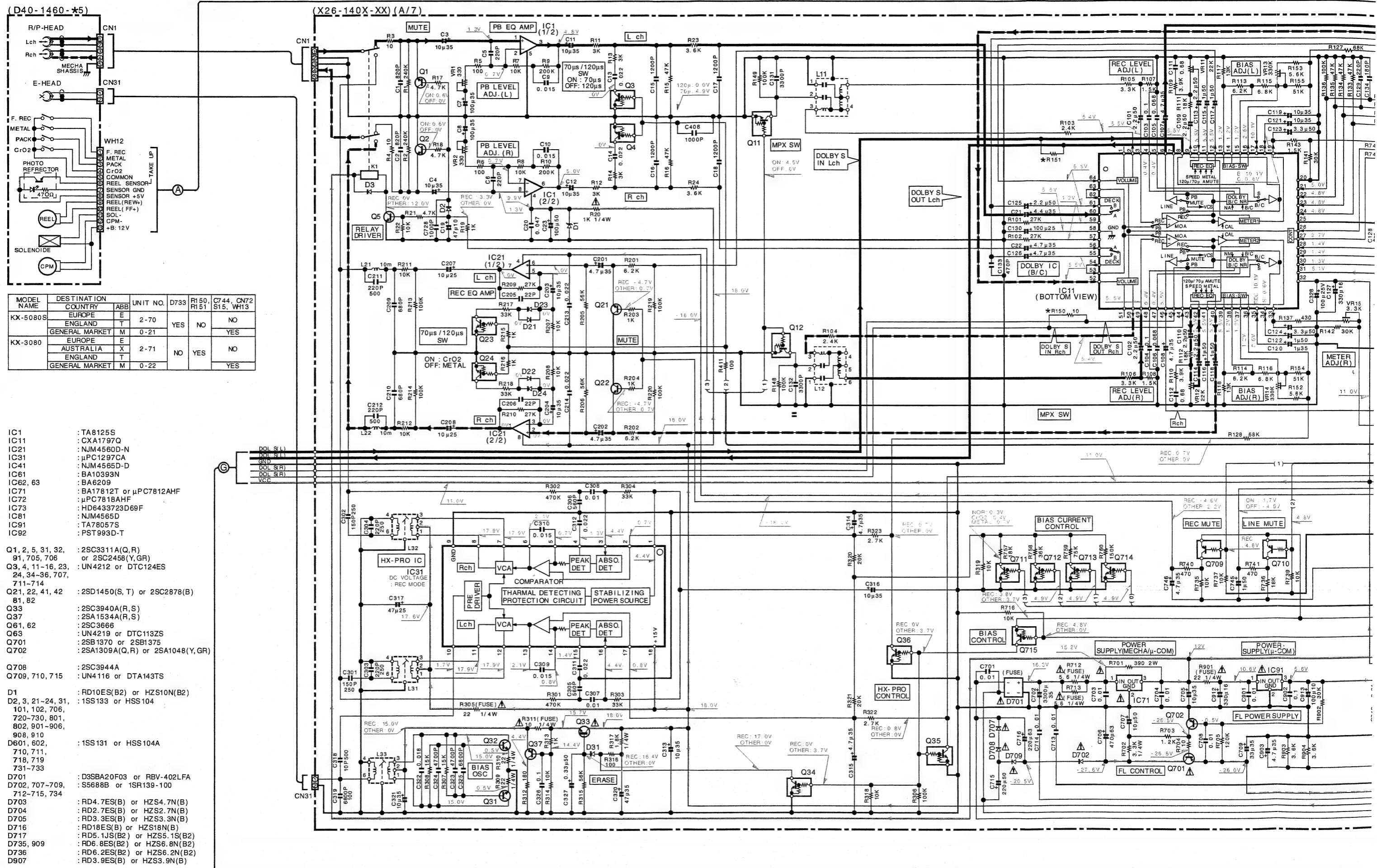
(a) Azimuth adjustment screw

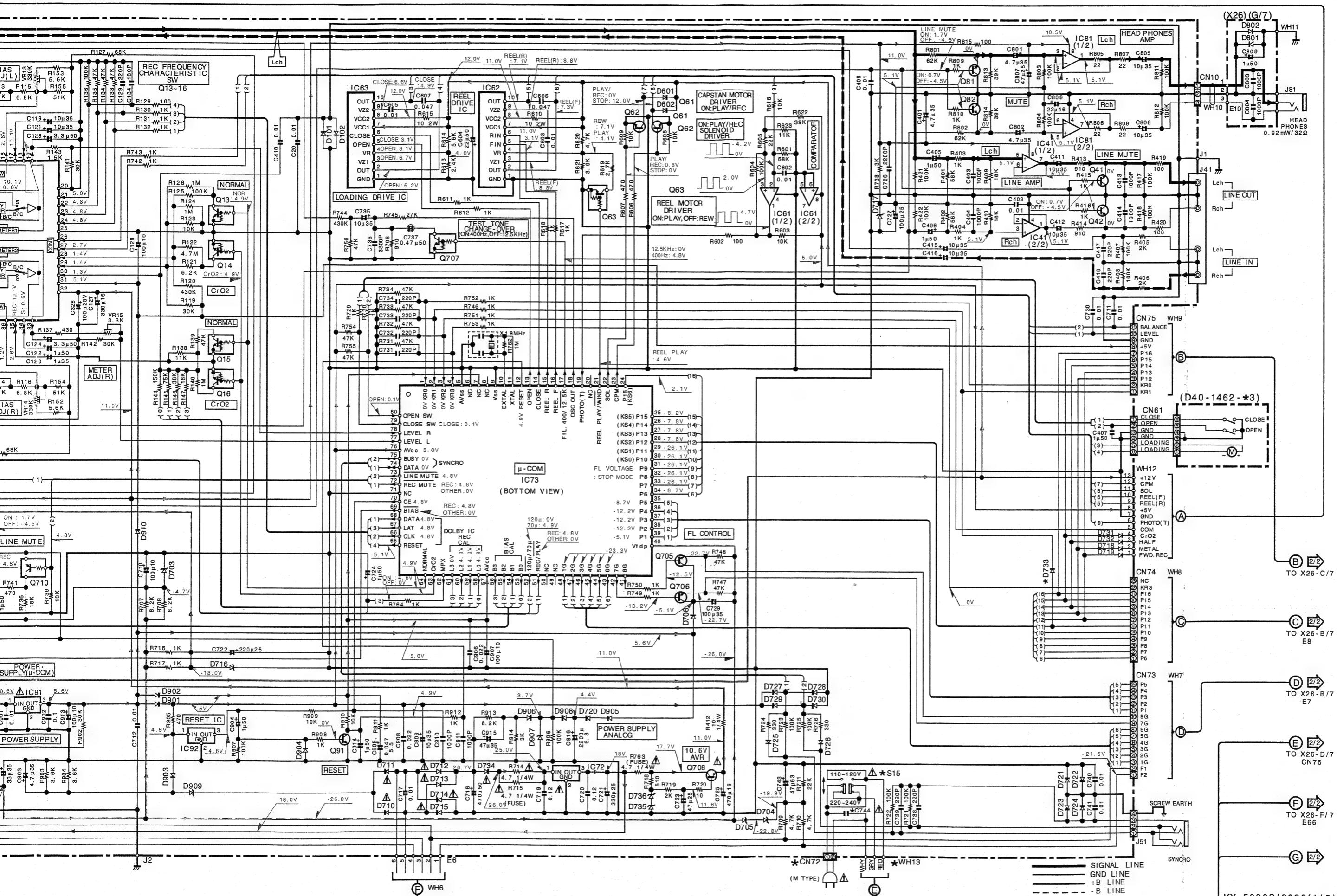


PC BOARD (Component side view)



A downward-pointing arrow indicating the front of the vehicle.





CAUTION: For continuing components only with i (refer to parts list). Δ i For continued protection with same type and rating electric shock, leakage shall be carried out (except from the supply circuit) the customer.

The DC voltage is an impedance type voltage in playback mode. The depending on the measurement product. Bias circuit Dc record mode.

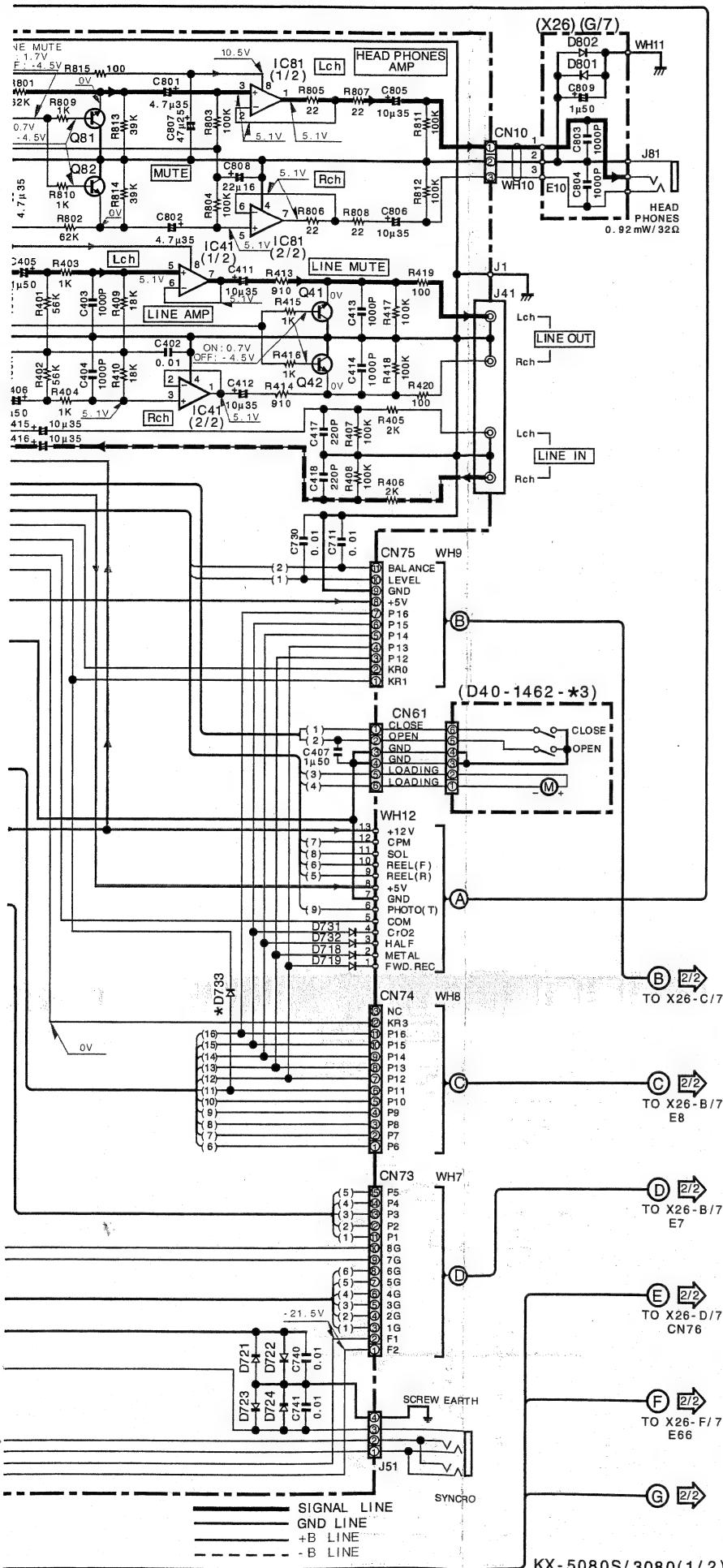
DOLBY and the double Laboratories Licensing made under license of Corporation.

KX-3080S/3080 (1/2)

Y26-4132-70

KX-30

KX



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.

DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

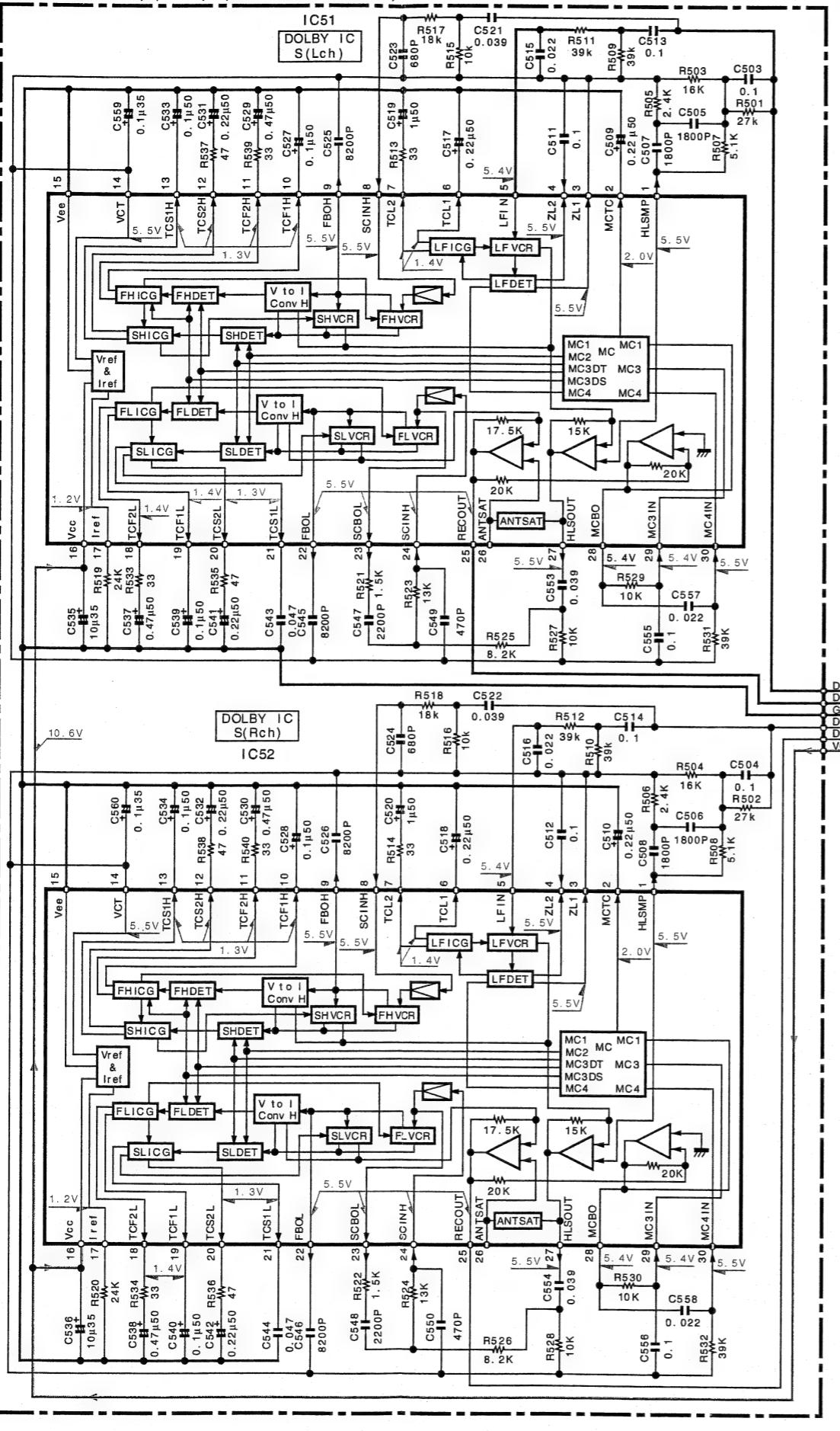
KX-5080S/3080(1/2)

Y26-4132-70

KX-3080/5080S

KENWOOD

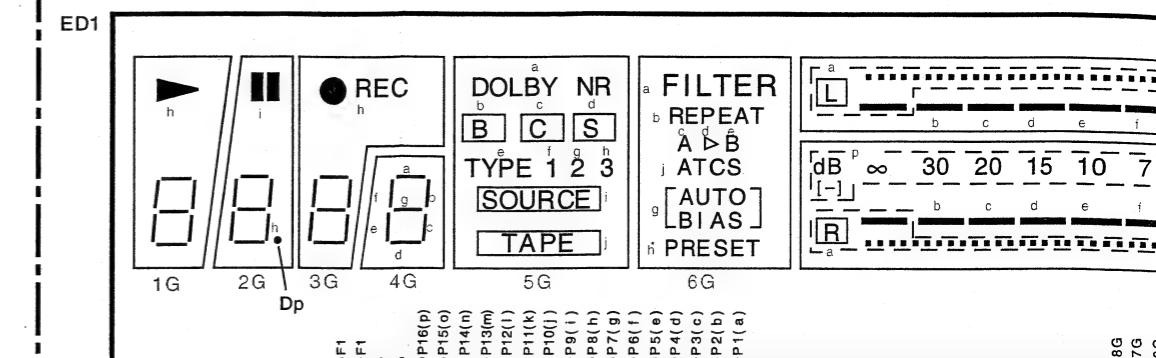
(X26-1402-70) (2/2) (KX-5080S ONLY)



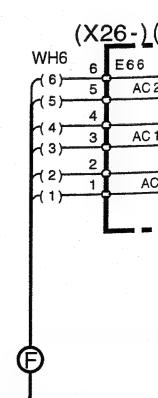
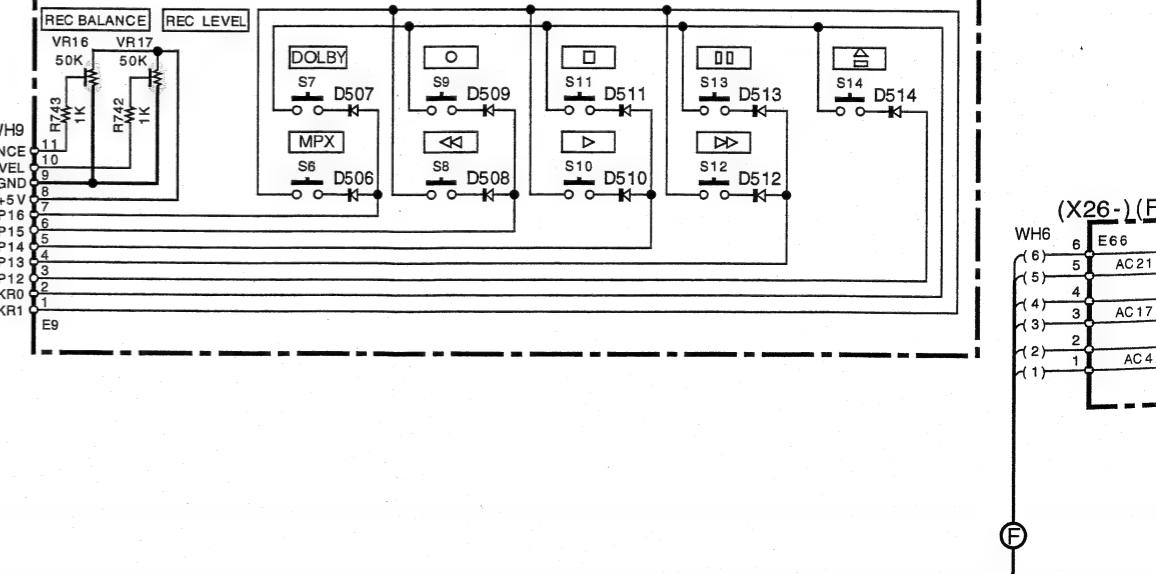
KX-5080S		KX-3080S	
2-70	0-21	2-71	0-22
E,T	M	E,T,X	M
C747	YES	NO	YES
CN71	YES	NO	NO
CN76	NO	YES	NO
D601-503,	YES	YES	NO
S1-3	YES	YES	NO

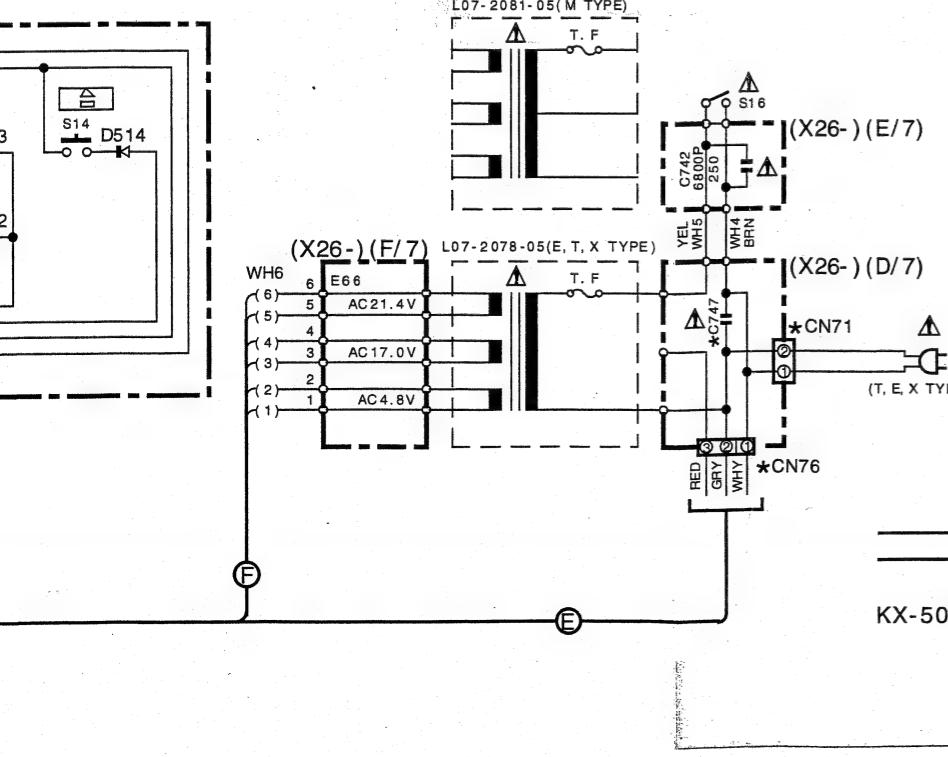
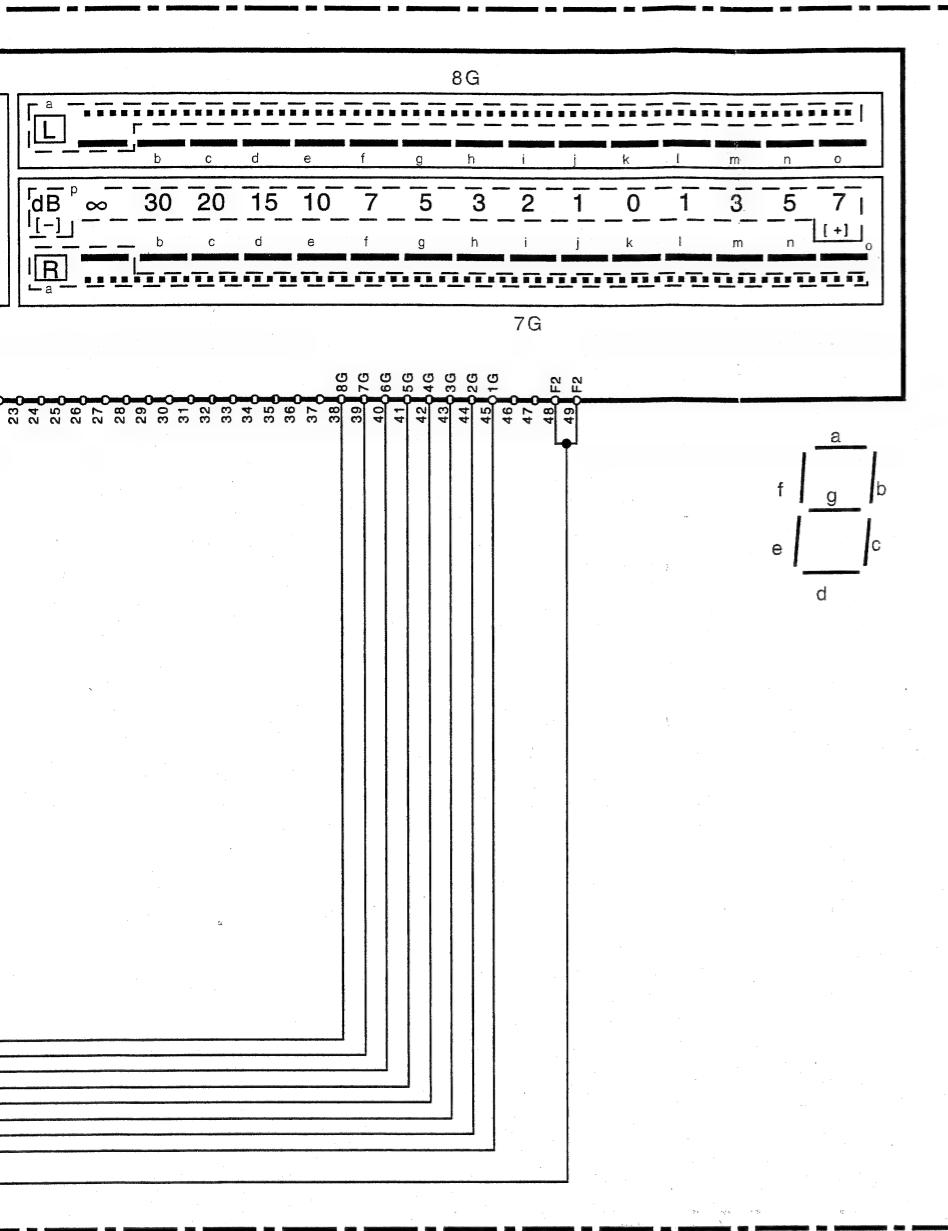
IC51, 52 : CXA1917S
 D501-514 : ISS131 or HSS104A

(X26-140X-XX) (B/7)



(X26-140X-XX) (C/7)





CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.

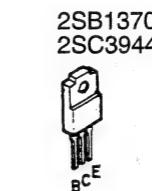
DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.



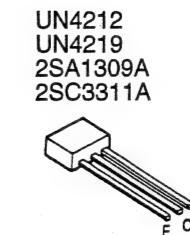
2SA1534A
2SC2878
2SC3940A



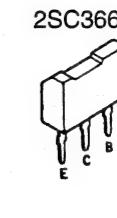
DTA143TS
DTC124ES
UN4116
2SA1048
2SC2458



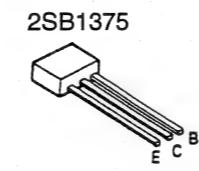
2SB1370
2SC3944A



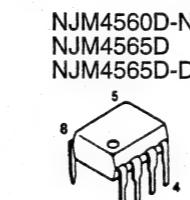
UN4212
UN4219
2SA1309A
2SC3311A



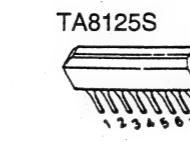
2SC3666



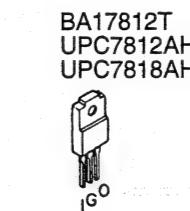
2SB1375



NJM4560D-N
NJM4565D
NJM4565D-D



TA8125S



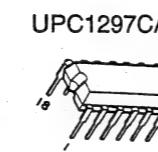
BA17812T
UPC7812AHF
UPC7818AHF



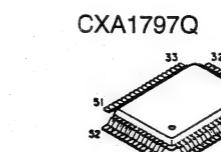
BA6209



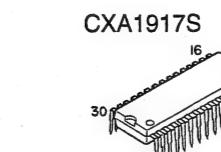
BA10393N



UPC1297CA



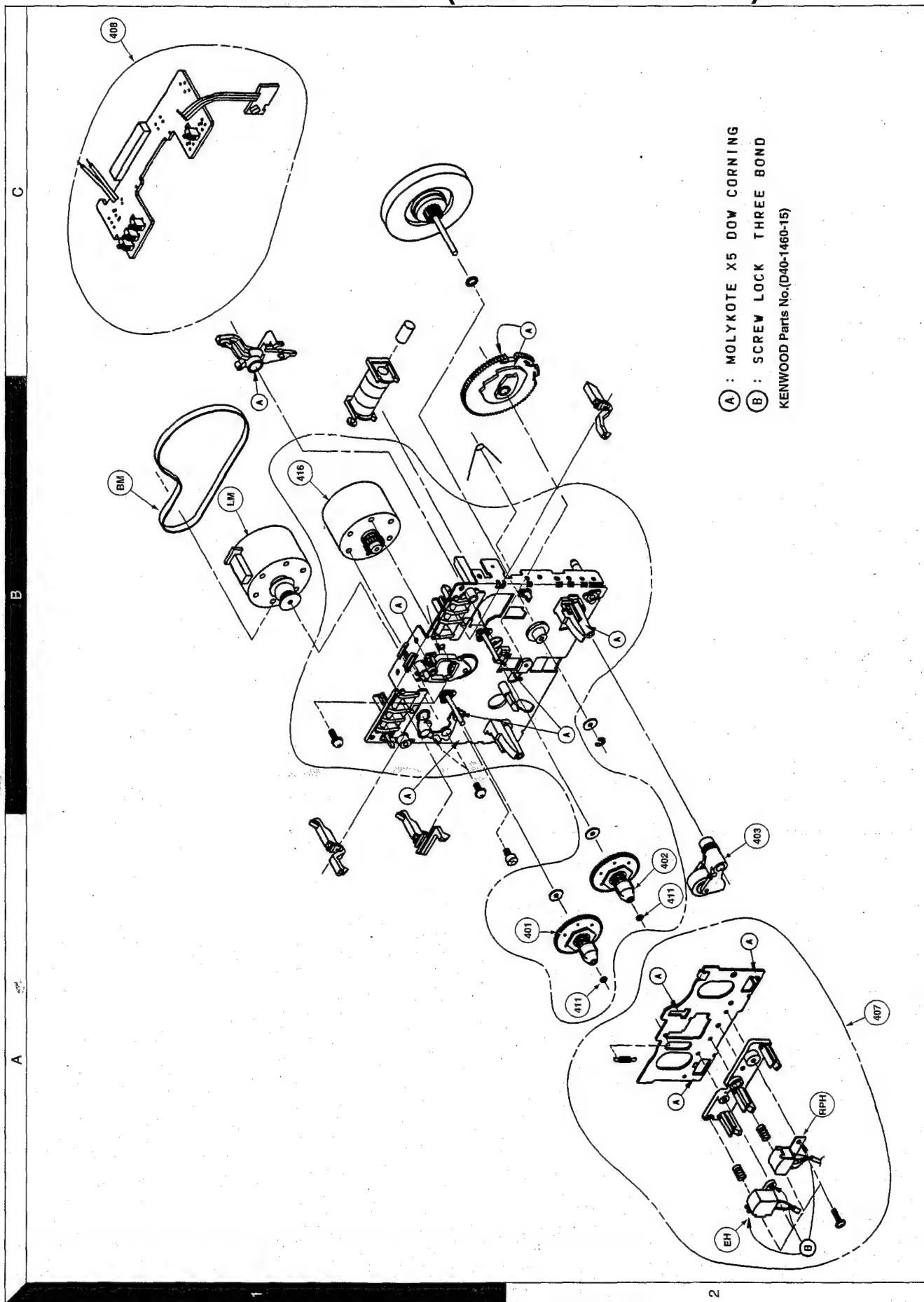
CXA1797Q



CXA1917S

KX-3080/5080S

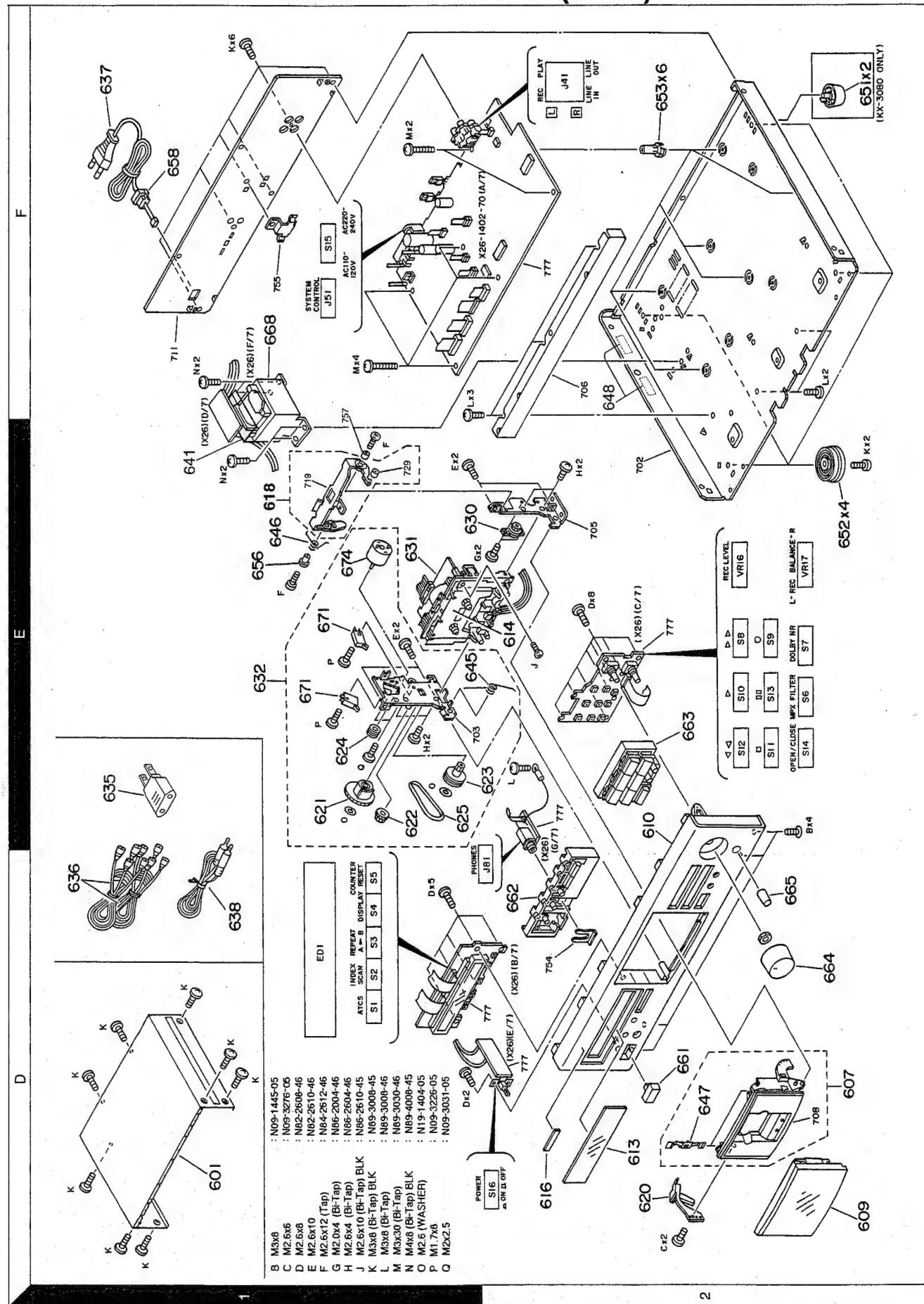
EXPLODED VIEW (DECK MECHANISM)



Parts without reference number in the exploded view are not supplied.

KX-3080/5080S

EXPLODED VIEW (UNIT)



KX-3080/5080S

PARTS LIST

2

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	Addres	New Parts	Parts No.	Description	Desti-nation	Re-marks
601	1D	*	A01-3292-01	METALLIC CABINET		
607	2D	**	A53-1914-03	CASSETTE HOLDER ASSY		
609	2D	**	A53-1916-13	CASSETTE LID		
609	2D	**	A53-1934-03	CASSETTE LID		
610	2F	*	A60-0834-11	PANEL		
610	2D	*	B03-2965-04	DRESSING PLATE		
613	2D	*	B03-2968-13	KENWOOD BADGE		
614	1E	*	B43-0302-04	WARRANTY CARD		
616	2D	*	B46-0096-53	WARRANTY CARD		
		*	B58-0945-03	CAUTION CARD (PL)		
		*	B58-0966-13	CAUTION CARD (PL)		
		*	B60-2423-00	INSTRUCTION MANUAL(ENGLISH)		
		*	B60-2424-00	INSTRUCTION MANUAL(FRENCH)		
		*	B60-2425-00	INSTRUCTION MANUAL(GERMANY)		
		*	B60-2426-00	INSTRUCTION MANUAL(SPANISH)		
		*	B60-2427-00	INSTRUCTION MANUAL(TWAN)		
		*	B60-2428-00	INSTRUCTION MANUAL(CHINESE)		
		*	B60-2616-00	LEVER ASSY		
618	1E	*	D10-3610-04	ARM		
620	2D	*	D10-3616-04	CAM		
621	1E	*	D12-0155-03	GEAR		
622	1E	*	D13-1724-04	PULLEY		
623	1E	*	D15-0389-04	MOTOR PULLEY		
624	1E	*	D16-0390-04	BELT		
625	1E	*	D39-0395-03	DAMPER		
630	1E	*	D39-0324-05	EJECT MECHANISM ASSY		
632	1E	*	D40-1462-23			
△ 635	1F		E03-0115-05	AC PLUG ADAPTER		
△ 636	1D		E30-0505-05	AUDIO CORD		
△ 637	1E		E50-2789-05	AC POWER CORD		
△ 637	1F		E50-2790-05	AC POWER CORD		
△ 637	1F		E50-2791-05	AC POWER CORD		
638	1D		E30-2816-05	CORD WITH PLUG		
641	1F	*	F20-1471-04	INSULATING BOARD		
645	2E	*	G01-3842-04	TORSION COIL SPRING		
646	1E	*	G01-3848-04	TORSION COIL SPRING		
647	2D	*	G11-2242-04	FLAT SPRING		
648	2F	*	H10-7116-02	POLYSTYRENE FOAMED FIXTURE	EMX	
		*	H10-7117-02	POLYSTYRENE FOAMED FIXTURE	EMX	
		*	H10-7118-02	POLYSTYRENE FOAMED FIXTURE	EMX	
		*	H12-2290-04	POLYSTYRENE FOAMED FIXTURE	EMX	
		*	H13-0211-14	PACKING FIXTURE	EMX	
		*	H20-0568-04	CARTON BOARD	X	
		*	H25-0232-04	PROTECTION COVER	M	
		*	H25-0391-04	PROTECTION BAG	EXT	
		*	H25-0651-04	PROTECTION BAG	EXT	

3 : KX-3080
5 : KX-5080S

L : Scandinavia
Y : PX(Far East, Hawaii)
V : AAFF(Europe)

3 : KX-3080
5 : KX-5080S

P : Canada
E : Europe
X : Australia
M : Other Areas

K : USA
Y : PX(Far East, Hawaii)
V : AAFF(Europe)

E : Europe
X : Australia
M : Other Areas

△ indicates safety critical components.

Ref. No.	Addres	New Parts	Parts No.	Description	Parts No.	Desti-nation	Re-marks
-	-	-	-	-	*	EX	3
-	-	-	-	-	**	M	3
-	-	-	-	-	**	M	3
-	-	-	-	-	**	M	5
-	-	-	-	-	**	M	5
-	-	-	-	-	**	T	3
651	2F				J02-1013-05	ITEM CARTON CASE	
652	2E				J02-1148-13	ITEM CARTON CASE	
653	2F				J19-3730-04	ITEM CARTON CASE	
658	1F				J42-0083-05	ITEM CARTON CASE	
					J61-0081-05	ITEM CARTON CASE	
					K27-2175-04	FOOT	
					K29-6277-03	FOOT	(D=46, H=14.5)
					K29-6281-14	UNIT HOLDER	
					K29-6281-14	POWER CORD BUSHING	
					K29-6281-14	WIRE BAND	
					KNOB (BUTTON)	KNOB	
					K29-6281-14	KNOB	
					K29-6281-14	KNOB	
661	2D				K64	POWER TRANSFORMER	
662	2E				K65	POWER TRANSFORMER	
663	2E				K66	POWER TRANSFORMER	
664	2D				K67	POWER TRANSFORMER	
665	2D				K68	POWER TRANSFORMER	
671	1E				K69	MICRO SWITCH	
674	1E				K70	DC MOTOR	

CASSETTE UNIT (X26-140X-XX)

C1.2		C093FMG1H821J	MYLAR				
C3.4		CE04KWM1V100M	ELECTRO	820PF	J	35WW	
C5.6		CC46FSL1H221J	CERAMIC	10UF	35WW		
C7.8		CE04KWM1V101M	ELECTRO	220PF	J	35WW	
C9.10		CQ93FMG1H153J	MYLAR	0.015UF	J		
C11.12		CE04KWM1V100M	ELECTRO	10UF	35WW		
C11.14		CO93FMG1H223J	CERAMIC	1200PF	K	10WW	
C15.18		CK45FB1H122K	ELECTRO	47UF	J	10WW	
C19		CE04KWM1A470M	CERAMIC	0.010UF	J	0.010UF	
C20		CK45FF1H103Z	ELECTRO	0.068UF	J		
C21.22		CE04KWM1V4R7M	ELECTRO	4.7UF	35WW		
C23		CE04KWM1H011M	ELECTRO	100UF	500WW		
C101,102		CE04KWM1H2R2M	ELECTRO	2.2UF	500WW		
C103,104		CO93FMG1H683J	MYLAR	0.10UF	J		
C105,106		CQ93FMG1H683J	MYLAR	0.068UF	J		
C107,108		CE04KWM1V4R7M	ELECTRO	4.7UF	35WW		
C109,110		CF92FV1H684J	MFC	0.68UF	500WW		
C111,112		CE04KWM1H2R2M	ELECTRO	2.2UF	500WW		
C113,114		CE04KWM1H010M	ELECTRO	1.0UF	500WW		
C115,118		CE04KWM1H2R2M	ELECTRO	2.2UF	500WW		
C119-122		CE04KWM1V100M	ELECTRO	10UF	35WW		
C123,124		CE04KWM1H31M	ELECTRO	3.3UF	35WW		
C125,126		CE04KWM1H2R2M	ELECTRO	3300UF	16WW		
C127		CE04KWM1A101M	ELECTRO	1000UF	10WW		
C128		CE04KWM1H31M	ELECTRO	2.2UF	500WW		
C129		CC45FSU1H221J	CERAMIC	220PF	J	25WW	
C130,131		CE04KWM1V101M	ELECTRO	100UF	J	3300PF	
C131,132		CO93FMG1H331M	MYLAR	470F	K	180PF	
C133		CK45FB1H471K	CERAMIC	470F	J		
C134		CC45FSU1H181J	CERAMIC	470F	J		

KX-3080/5080S

PARTS LIST

4

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No	Add- ress	Parts No.	Description	Desti- nation	Ref. No	Add- ress	Parts No.	Description	Desti- nation
C201,202		CE04KW1V4R77M	ELECTRO	5	C541,542		CE04KW1H22M	ELECTRO	5
C203,204		CE04KW1V100M	ELECTRO	5	C543,544		CQ98FMG1H473J	MYLAR	5
C205,206		CC45FSL1H220J	CEMATIC	5	C545,546		CQ98FMG1H222J	MYLAR	5
C207,208		C90-1854-05	ELECTRO	5	C547,548		CQ98FMG1H223J	MYLAR	5
C209,210		CK45FB1H681K	CEMATIC	5	C549,550		CQ98FMG1H471J	MYLAR	5
C211,212		CC45FSL2H221J	CERAMIC	5	C553,554		CQ93FMG1H393J	MYLAR	5
C213,214		CQ93FMG1H223J	MYLAR	5	C555,556		CQ93FMG1H104J	MYLAR	5
C301-302		C91-1434-05	MYLAR	5	C557,558		CQ93FMG1H223J	MYLAR	5
C303,304		C91-1436-05	MYLAR	5	C559,560		CE04KW1V100M	ELECTRO	5
C305,306		CK45FB1H561K	CERAMIC	5	C601-603		CK45FF1H103Z	CERAMIC	5
C307,308		CQ93FMG1H103J	MYLAR	5	C604		CE04KW1H220M	ELECTRO	5
C309,310		CQ93FMG1H153J	MYLAR	5	C605		CQ93FMG1H103Z	MYLAR	5
C311,312		CQ93FMG1H223J	MYLAR	5	C607		CK45FF1H473Z	CERAMIC	5
C313		CE04KW1V100M	ELECTRO	5	C701		CK45FF1H103Z	CERAMIC	5
C314,315		CE04KW1V4R77M	ELECTRO	5	C702		CE04KW1V332M	ELECTRO	5
C316		CE04KW1V100M	ELECTRO	5	C703		CK45FF1H103Z	CERAMIC	5
C317		CE04KW1EA700M	ELECTRO	5	C704		CQ93FMG1H104J	MYLAR	5
C318		CC45FSL2H100D	CEMATIC	5	C705		CE04KW1V100M	ELECTRO	5
C319		CK45FF1H24682J	MYLAR	5	C706		CK45FF1H471M	ELECTRO	5
C320		CE04KW1V700M	ELECTRO	5	C707		CE04KW1H100M	ELECTRO	5
C321		CE04KW1V100M	ELECTRO	5	C708		CK45FF1H103Z	CERAMIC	5
C322		CQ93FMG1H183J	MYLAR	5	C709		CQ93FMG1V1330M	ELECTRO	5
C323,324		CQ93FMG1H472J	MYLAR	5	C710		CE04KW1V100M	MYLAR	5
C325		CK45FF1H24682J	MYLAR	5	C711		CK45FF1H103Z	CERAMIC	5
C326		CE04KW1V100M	ELECTRO	5	C712-714		CK45FF1H103Z	MYLAR	5
C327		CE04KW1V100M	ELECTRO	5	C715		CE04KW1H221M	ELECTRO	5
C328		CQ93FMG1H103J	ELECTRO	5	C716		CE04KW1J221M	ELECTRO	5
C401		CQ93FMG1H882J	CEMATIC	5	C717		CK45FF1H103Z	CERAMIC	5
C402		CK45FF1H103Z	CEMATIC	5	C718		CE04KW1H471M	ELECTRO	5
C403,404		CK45FF1H102K	CEMATIC	5	C719-720		CK45FF1H124J	MF-C	5
C405-407		CE04KW1H010M	ELECTRO	5	C721		CE04DW1E331M	ELECTRO	5
C408		CE04KW1E101M	ELECTRO	5	C722		CE04KW1E102M	ELECTRO	5
C409		CQ93FMG1H103J	CEMATIC	5	C723		CE04KW1E101M	ELECTRO	5
C410-412		CK45FF1H103Z	ELECTRO	5	C724		CE04DW1C71M	ELECTRO	5
C413,414		CK45FB1H102K	CERAMIC	5	C725		CK45FB1H222K	CERAMIC	5
C415,416		CE04KW1V100M	ELECTRO	5	C726		CE04KW1E101M	ELECTRO	5
C503,504		CC45FSL1H220J	CEMATIC	5	C727		CE04KW1E101M	CERAMIC	5
C505-508		CK45FF1H103Z	CEMATIC	5	C728		CE04KW1E102M	ELECTRO	5
C509,510		CE04KW1V100M	ELECTRO	5	C729		CE04KW1V100M	CEMATIC	5
C511-514		CK45FB1H102K	CERAMIC	5	C730		CK45FSL1H221J	ELECTRO	5
C515,518		CE04KW1V100M	ELECTRO	5	C731		CE04KW1H221J	CERAMIC	5
C519,520		CC45FSL1H220J	CEMATIC	5	C732		CE04KW1H474M	CEMATIC	5
C523,524		CE04KW1H222M	CERAMIC	5	C733		CE04KW1H103J	CEMATIC	5
C525,526		CQ93FMG1H104J	MYLAR	5	C734		CK45FSL1H332J	MYLAR	5
C527,528		CE04KW1H222M	ELECTRO	5	C735		CE04KW1H474M	ELECTRO	5
C529,530		CE04KW1H474M	ELECTRO	5	C736		CE04KW1V100M	CEMATIC	5
C531,532		CE04KW1H222M	ELECTRO	5	C737		CK45FSL1H221J	CEMATIC	5
C533,534		CE04KW1H011M	ELECTRO	5	C738-739		CK45FSL1H221J	CEMATIC	5
C535,536		CE04KW1V100M	ELECTRO	5	C740-741		CK45FF1H103Z	MF-ELEC	5
C537,538		CE04KW1H011M	ELECTRO	5	C742		C91-148-05	MF	5
C539,540		CE04KW1H011M	ELECTRO	5	C743		CE04KW1H470M	ELECTRO	5

3 : KX-3080
5 : KX-5080S

△ indicates safety critical components.
▲ indicates safety critical components.

Ref. No	Add- ress	Parts No.	Description	Desti- nation	Ref. No	Add- ress	Parts No.	Description	Desti- nation
C201,202		CE04KW1V4R77M	ELECTRO	5	C744		C91-148-05	MF	5
C203,204		CE04KW1V100M	ELECTRO	5	C745		CE04KW1H470M	ELECTRO	5
C205,206		CC45FSL1H220J	CEMATIC	5	C746		CE04KW1V14R7M	MF	5
C207,208		C90-1854-05	ELECTRO	5	C747		C91-148-05	MF	5
C209,210		CK45FB1H681K	CEMATIC	5	C801		CE04KW1V4R7M	ELECTRO	5
C211,212		CC45FSL2H221J	CERAMIC	5	C802		CE04KW1V100M	CEMATIC	5
C213,214		CQ93FMG1H223J	MYLAR	5	C803		CK45FB1H102K	ELECTRO	5
C301-302		C91-1434-05	MYLAR	5	C804		CE04KW1V100M	CEMATIC	5
C303,304		C91-1436-05	MYLAR	5	C805		CK45FF1H103Z	CEMATIC	5
C305,306		CK45FB1H561K	CERAMIC	5	C806		CE04KW1V100M	ELECTRO	5
C307,308		CQ93FMG1H103J	MYLAR	5	C807		CK45FF1H103Z	CEMATIC	5
C309,310		CQ93FMG1H153J	MYLAR	5	C808		CE04KW1H220M	ELECTRO	5
C311,312		CQ93FMG1H223J	MYLAR	5	C809		CQ93FMG1H104J	MYLAR	5
C313		CE04KW1V100M	ELECTRO	5	C810		CK45FF1H103Z	CEMATIC	5
C314,315		CE04KW1V4R77M	ELECTRO	5	C811		CE04KW1V100M	ELECTRO	5
C316		CE04KW1V100M	ELECTRO	5	C812		CK45FF1H103Z	CEMATIC	5
C317		CE04KW1EA700M	ELECTRO	5	C813		CE04KW1V100M	ELECTRO	5
C318		CC45FSL2H100D	CEMATIC	5	C814		CK45FF1H103Z	CEMATIC	5
C319		CK45FF1H24682J	MYLAR	5	C815		CE04KW1H221M	ELECTRO	5
C320		CE04KW1V700M	ELECTRO	5	C816		CE04KW1V100M	ELECTRO	5
C321		CE04KW1V100M	ELECTRO	5	C817		CK45FF1H103Z	CEMATIC	5
C322		CQ93FMG1H183J	MYLAR	5	C818		CE04KW1H471M	ELECTRO	5
C323,324		CQ93FMG1H472J	MYLAR	5	C819		CK45FF1H124J	MF-C	5
C325		CK45FF1H24682J	MYLAR	5	C820		CE04DW1E331M	ELECTRO	5
C326		CE04KW1V100M	ELECTRO	5	C821		CE04KW1E102M	ELECTRO	5
C327		CQ93FMG1H103J	ELECTRO	5	C822		CE04KW1E101M	ELECTRO	5
C328		CQ93FMG1H882J	CEMATIC	5	C823		CE04KW1E101M	ELECTRO	5
C401		CK45FF1H103Z	CEMATIC	5	C824		CE04KW1E101M	ELECTRO	5
C402		CK45FF1H103Z	ELECTRO	5	C825		CE04DW1C71M	ELECTRO	5
C403,404		CK45FF1H102K	CEMATIC	5	C826		CK45FB1H222K	CERAMIC	5
C405-407		CE04KW1H010M	ELECTRO	5	C827		CE04KW1E101M	ELECTRO	5
C408		CE04KW1E101M	ELECTRO	5	C828		CE04KW1E102M	ELECTRO	5
C409		CQ93FMG1H103J	CEMATIC	5	C829		CE04KW1E101M	ELECTRO	5
C410-412		CK45FF1H103Z	ELECTRO	5	C830		CE04DW1C71M	ELECTRO	5
C413,414		CK45FB1H102K	CERAMIC	5	C831		CK45FB1H222K	CERAMIC	5
C415,416		CE04KW1V100M	ELECTRO	5	C832		CE04KW1E101M	ELECTRO	5
C503,504		CC45FSL1H220J	CEMATIC	5	C833		CE04KW1E101M	CERAMIC	5
C505-508		CK45FF1H103Z	CEMATIC	5	C834		CE04KW1H474M	CEMATIC	5
C509,510		CE04KW1V100M	ELECTRO	5	C835		CE04KW1V100M	ELECTRO	5
C511-514		CK45FB1H102K	CERAMIC	5	C836		CK45FSL1H332J	MYLAR	5
C515,518		CE04KW1V100M	ELECTRO	5	C837		CE04KW1H474M	ELECTRO	5
C519,520		CC45FSL1H220J	CEMATIC	5	C838		CE04KW1H221J	CERAMIC	5
C523,524		CE04KW1H222M	CERAMIC	5	C839		CK45FSL1H221J	CEMATIC	5
C525,526		CQ93FMG1H104J	MYLAR	5	C840		CK45FF1H103Z	MF	5
C527,528		CE04KW1H222M	ELECTRO	5	C841		CE04KW1H470M	ELECTRO	5
C529,530		CE04KW1H474M	ELECTRO	5	C842		CE04KW1V14R7M	MF	5
C531,532		CE04KW1H222M	ELECTRO	5	C843		CE04KW1V14R7M	ELECTRO	5
C533,534		CE04KW1H011M	ELECTRO	5	C844		CE04KW1H470M	ELECTRO	5
C535,536		CE04KW1V100M	ELECTRO	5	C845		CE04KW1H470M	ELECTRO	5
C537,538		CE04KW1H011M	ELECTRO	5	C846		CE04KW1V14R7M	MF	5
C539,540		CE04KW1H011M	ELECTRO	5	C847		CE04KW1V14R7M	ELECTRO	5

L : Scandinavia
Y : PX(Far East, Hawaii) T : Europe
Y : AAFFES(Europe) X : Australia M : Other Areas

K : USA
P : Canada
Y : PX(Far East, Hawaii) T : Europe
Y : AAFFES(Europe) X : Australia M : Other Areas

K : USA
P : Canada
Y : PX(Far East, Hawaii) T : Europe
Y : AAFFES(Europe) X : Australia M : Other Areas

KX-3080/5080S

PARTS LIST

8

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
D735		RD6.8ES(B2)	ZENER DIODE	2SD1450(S,T)	TRANSISTOR	
D736		H2S6.2NB2)	ZENER DIODE	2SC2458(Y,GR)	TRANSISTOR	
D736		RD6.2ES(B2)	ZENER DIODE	2SC3311(A)(Q,R)	TRANSISTOR	
D801,802		HSS104	ZENER DIODE	2SB1370	TRANSISTOR	
D801,802		1SS133	ZENER DIODE	2SB1375	TRANSISTOR	
D908		HSS104	ZENER DIODE	2SA1048(Y,GR)	TRANSISTOR	
D909		1SS133	ZENER DIODE	2SA1309(A)(Q,R)	TRANSISTOR	
D907		H2S3.3NB(B)	ZENER DIODE	2SC2458(Y,GR)	TRANSISTOR	
D907		RD3.9ES(B)	ZENER DIODE	2SC3311(A)(Q,R)	TRANSISTOR	
D908		HSS104	ZENER DIODE	DTC124ES	DIGITAL TRANSISTOR	
D908		1SS133	ZENER DIODE	Q707	TRANSISTOR	
D909		H2S6.8NB2)	ZENER DIODE	Q708	TRANSISTOR	
D909		RD6.8ES(B2)	ZENER DIODE	Q708,710	DIGITAL TRANSISTOR	
D910		HSS104	ZENER DIODE	Q709,710	TRANSISTOR	
D910		1SS133	ZENER DIODE	Q711-714	DIGITAL TRANSISTOR	
ED1		BJ248GK	DIODE	UN4212	TRANSISTOR	
IC1		TA8125S	INDICATOR TUBE	UN4212-S	DIGITAL TRANSISTOR	
IC11		CXA1797Q	(2CH PRE AMP)	UN4116	TRANSISTOR	
IC21		NJM4860D-N	ANALOGUE IC	UN4116	DIGITAL TRANSISTOR	
IC31		UPC1297CA	IC1OP AMP X2)	UN4116	TRANSISTOR	
IC41		NJM4865D-D	IC1OP AMP X2)	D03-0294-08	REEL BASE ASSY	
IC51,52		CXA1917S	ANALOGUE IC	401	2A	
IC61		BA10393N	INDIVIDUAL COMPARATOR	402	2A	
IC62,63		BA6209	IC(MOTOR DRIVER)	403	2A	
IC71		BA17812T	IC(VOLTAGE REGULATOR/+12V)	403	1B	
IC71		UPC7812AHF	IC(VOLTAGE REGULATOR/+12V)	407	2A	
IC72		UPC7818AHF	IC(VOLTAGE REGULATOR/+18V)	408	1C	
IC73		HD6433723D89F	MI-COM IC	411	2A	
IC81		NJM4865D	IC1OP AMP X2)	EH	2A	
IC91		TA7805TS	IC(VOLTAGE REGULATOR/+5.75V)	LM	1B	
IC92		PST993D-T	ANALOGUE IC	LM	1B	
Q1,2		2SC2458(Y,GR)	TRANSISTOR	TPH	1B	
Q3,4		2SC3311(A)(Q,R)	TRANSISTOR	TPH	2A	
Q3,4		DTC124ES	DIGITAL TRANSISTOR			
Q5		UN4212	TRANSISTOR			
Q11,16		2SC2458(Y,GR)	TRANSISTOR			
Q21,22		2SC3311(A)(Q,R)	TRANSISTOR			
Q21,22		DTC124ES	DIGITAL TRANSISTOR			
Q23,24		2SD1450(S,T)	TRANSISTOR			
Q23,24		DTC124ES	DIGITAL TRANSISTOR			
Q31,32		2SC2878(B)	TRANSISTOR			
Q31,32		2SC2878(B)	TRANSISTOR			
Q33		2SC3940A(R,S)	TRANSISTOR			
Q34,36		UN4212	DIGITAL TRANSISTOR			
Q37		2SA1534(A)(R,S)	TRANSISTOR			
Q41,42		2SC2878(B)	TRANSISTOR			
Q61,62		2SD1450(S,T)	TRANSISTOR			
Q63		2SC3666	DIGITAL TRANSISTOR			
Q63		DTC113Z	TRANSISTOR			
Q81,82		UN4219	TRANSISTOR			
Q81,82		2SC2878(B)	TRANSISTOR			

MECHANISM ASSY (D40-1460-15)

Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
Q81,82		2SD1450(S,T)	TRANSISTOR	2SC2458(Y,GR)	TRANSISTOR	
Q91		2SC3311(A)(Q,R)	TRANSISTOR	2SC3311(A)(Q,R)	TRANSISTOR	
Q701		2SB1370	TRANSISTOR	2SC2458(Y,GR)	TRANSISTOR	
Q701		2SB1375	TRANSISTOR	2SC3311(A)(Q,R)	TRANSISTOR	
Q707		DTC124ES	DIGITAL TRANSISTOR	Q707	DIGITAL TRANSISTOR	
Q707		Q706	TRANSISTOR	Q706	TRANSISTOR	
Q708		Q706	TRANSISTOR	Q706	TRANSISTOR	
Q708		Q706	TRANSISTOR	Q706	TRANSISTOR	
Q709		Q710	TRANSISTOR	Q710	TRANSISTOR	
Q710		Q710	TRANSISTOR	Q710	TRANSISTOR	
Q711		Q714	TRANSISTOR	Q714	TRANSISTOR	
Q711		Q714	TRANSISTOR	Q714	TRANSISTOR	
Q715		Q715	TRANSISTOR	Q715	TRANSISTOR	
Q715		Q715	TRANSISTOR	Q715	TRANSISTOR	
Q716		Q716	TRANSISTOR	Q716	TRANSISTOR	
Q716		Q716	TRANSISTOR	Q716	TRANSISTOR	
Q717		Q717	TRANSISTOR	Q717	TRANSISTOR	
Q717		Q717	TRANSISTOR	Q717	TRANSISTOR	
Q718		Q718	TRANSISTOR	Q718	TRANSISTOR	
Q719		Q719	TRANSISTOR	Q719	TRANSISTOR	
Q720		Q720	TRANSISTOR	Q720	TRANSISTOR	
Q721		Q721	TRANSISTOR	Q721	TRANSISTOR	
Q722		Q722	TRANSISTOR	Q722	TRANSISTOR	
Q723		Q723	TRANSISTOR	Q723	TRANSISTOR	
Q724		Q724	TRANSISTOR	Q724	TRANSISTOR	
Q725		Q725	TRANSISTOR	Q725	TRANSISTOR	
Q726		Q726	TRANSISTOR	Q726	TRANSISTOR	
Q727		Q727	TRANSISTOR	Q727	TRANSISTOR	
Q728		Q728	TRANSISTOR	Q728	TRANSISTOR	
Q729		Q729	TRANSISTOR	Q729	TRANSISTOR	
Q730		Q730	TRANSISTOR	Q730	TRANSISTOR	
Q731		Q731	TRANSISTOR	Q731	TRANSISTOR	
Q732		Q732	TRANSISTOR	Q732	TRANSISTOR	
Q733		Q733	TRANSISTOR	Q733	TRANSISTOR	
Q734		Q734	TRANSISTOR	Q734	TRANSISTOR	
Q735		Q735	TRANSISTOR	Q735	TRANSISTOR	
Q736		Q736	TRANSISTOR	Q736	TRANSISTOR	
Q737		Q737	TRANSISTOR	Q737	TRANSISTOR	
Q738		Q738	TRANSISTOR	Q738	TRANSISTOR	
Q739		Q739	TRANSISTOR	Q739	TRANSISTOR	
Q740		Q740	TRANSISTOR	Q740	TRANSISTOR	
Q741		Q741	TRANSISTOR	Q741	TRANSISTOR	
Q742		Q742	TRANSISTOR	Q742	TRANSISTOR	
Q743		Q743	TRANSISTOR	Q743	TRANSISTOR	
Q744		Q744	TRANSISTOR	Q744	TRANSISTOR	
Q745		Q745	TRANSISTOR	Q745	TRANSISTOR	
Q746		Q746	TRANSISTOR	Q746	TRANSISTOR	
Q747		Q747	TRANSISTOR	Q747	TRANSISTOR	
Q748		Q748	TRANSISTOR	Q748	TRANSISTOR	
Q749		Q749	TRANSISTOR	Q749	TRANSISTOR	
Q750		Q750	TRANSISTOR	Q750	TRANSISTOR	
Q751		Q751	TRANSISTOR	Q751	TRANSISTOR	
Q752		Q752	TRANSISTOR	Q752	TRANSISTOR	
Q753		Q753	TRANSISTOR	Q753	TRANSISTOR	
Q754		Q754	TRANSISTOR	Q754	TRANSISTOR	
Q755		Q755	TRANSISTOR	Q755	TRANSISTOR	
Q756		Q756	TRANSISTOR	Q756	TRANSISTOR	
Q757		Q757	TRANSISTOR	Q757	TRANSISTOR	
Q758		Q758	TRANSISTOR	Q758	TRANSISTOR	
Q759		Q759	TRANSISTOR	Q759	TRANSISTOR	
Q760		Q760	TRANSISTOR	Q760	TRANSISTOR	
Q761		Q761	TRANSISTOR	Q761	TRANSISTOR	
Q762		Q762	TRANSISTOR	Q762	TRANSISTOR	
Q763		Q763	TRANSISTOR	Q763	TRANSISTOR	
Q764		Q764	TRANSISTOR	Q764	TRANSISTOR	
Q765		Q765	TRANSISTOR	Q765	TRANSISTOR	
Q766		Q766	TRANSISTOR	Q766	TRANSISTOR	
Q767		Q767	TRANSISTOR	Q767	TRANSISTOR	
Q768		Q768	TRANSISTOR	Q768	TRANSISTOR	
Q769		Q769	TRANSISTOR	Q769	TRANSISTOR	
Q770		Q770	TRANSISTOR	Q770	TRANSISTOR	
Q771		Q771	TRANSISTOR	Q771	TRANSISTOR	
Q772		Q772	TRANSISTOR	Q772	TRANSISTOR	
Q773		Q773	TRANSISTOR	Q773	TRANSISTOR	
Q774		Q774	TRANSISTOR	Q774	TRANSISTOR	
Q775		Q775	TRANSISTOR	Q775	TRANSISTOR	
Q776		Q776	TRANSISTOR	Q776	TRANSISTOR	
Q777		Q777	TRANSISTOR	Q777	TRANSISTOR	
Q778		Q778	TRANSISTOR	Q778	TRANSISTOR	
Q779		Q779	TRANSISTOR	Q779	TRANSISTOR	
Q780		Q780	TRANSISTOR	Q780	TRANSISTOR	
Q781		Q781	TRANSISTOR	Q781	TRANSISTOR	
Q782		Q782	TRANSISTOR	Q782	TRANSISTOR	
Q783		Q783	TRANSISTOR	Q783	TRANSISTOR	
Q784		Q784	TRANSISTOR	Q784	TRANSISTOR	
Q785		Q785	TRANSISTOR	Q785	TRANSISTOR	
Q786		Q786	TRANSISTOR	Q786	TRANSISTOR	
Q787		Q787	TRANSISTOR	Q787	TRANSISTOR	
Q788		Q788	TRANSISTOR	Q788	TRANSISTOR	
Q789		Q789	TRANSISTOR	Q789	TRANSISTOR	
Q790		Q790	TRANSISTOR	Q790	TRANSISTOR	
Q791		Q791	TRANSISTOR	Q791	TRANSISTOR	
Q792		Q792	TRANSISTOR	Q792	TRANSISTOR	
Q793		Q793	TRANSISTOR	Q793	TRANSISTOR	
Q794		Q794	TRANSISTOR	Q794	TRANSISTOR	
Q795		Q795	TRANSISTOR	Q795	TRANSISTOR	
Q796		Q796	TRANSISTOR	Q796	TRANSISTOR	
Q797		Q797	TRANSISTOR	Q797	TRANSISTOR	
Q798		Q798	TRANSISTOR	Q798	TRANSISTOR	
Q799		Q799	TRANSISTOR	Q799	TRANSISTOR	
Q800		Q800	TRANSISTOR	Q800	TRANSISTOR	
Q801		Q801	TRANSISTOR	Q801	TRANSISTOR	
Q802		Q802	TRANSISTOR	Q802	TRANSISTOR	
Q803		Q803	TRANSISTOR	Q803	TRANSISTOR	
Q804		Q804	TRANSISTOR	Q804	TRANSISTOR	
Q805		Q805	TRANSISTOR	Q805	TRANSISTOR	
Q806		Q806	TRANSISTOR	Q806	TRANSISTOR	
Q807		Q807	TRANSISTOR	Q807	TRANSISTOR	
Q808		Q808	TRANSISTOR	Q808	TRANSISTOR	
Q809		Q809	TRANSISTOR	Q809	TRANSISTOR	
Q810		Q810	TRANSISTOR	Q810	TRANSISTOR	
Q811		Q811	TRANSISTOR	Q811	TRANSISTOR	
Q812		Q812	TRANSISTOR	Q812	TRANSISTOR	
Q813		Q813	TRANSISTOR	Q813	TRANSISTOR	
Q814		Q814	TRANSISTOR	Q814	TRANSISTOR	
Q815		Q815	TRANSISTOR	Q815	TRANSISTOR	
Q816		Q816	TRANSISTOR	Q816	TRANSISTOR	
Q817		Q817	TRANSISTOR	Q817	TRANSISTOR	
Q818		Q818	TRANSISTOR	Q818	TRANSISTOR	
Q819		Q819	TRANSISTOR	Q819	TRANSISTOR	
Q820		Q820	TRANSISTOR	Q820	TRANSISTOR	
Q821		Q821	TRANSISTOR	Q821	TRANSISTOR	
Q822		Q822	TRANSISTOR	Q822	TRANSISTOR	
Q823		Q823	TRANSISTOR	Q823	TRANSISTOR	
Q824		Q824	TRANSISTOR	Q824	TRANSISTOR	
Q825		Q825	TRANSISTOR	Q825	TRANSISTOR	
Q826		Q826	TRANSISTOR	Q826	TRANSISTOR	
Q827		Q827	TRANSISTOR	Q827	TRANSISTOR	
Q828		Q828	TRANSISTOR	Q828	TRANSISTOR	
Q829		Q829	TRANSISTOR	Q829	TRANSISTOR	
Q830		Q830	TRANSISTOR	Q830	TRANSISTOR	
Q831		Q831	TRANSISTOR	Q831	TRANSISTOR	
Q832		Q832	TRANSISTOR	Q832	TRANSISTOR	
Q833		Q833	TRANSISTOR	Q833	TRANSISTOR	</td

KX-3080/5080S

SPECIFICATIONS

[MODEL : KX-5080S]

Track System	4-track, 2-channel stereo
Recording System	AC bias (Frequency : 105 kHz)
Heads	
Playback / recording head	1
Erasing head	1
Motors	DC motor x 2
Fast Winding Time	Approx. 90 seconds (C-60 tape)
Frequency Response:	
TYPE I Tape	20 Hz to 18,000 Hz, \pm 3 dB
TYPE II Tape	20 Hz to 18,000 Hz, \pm 3 dB
TYPE IV Tape	20 Hz to 19,000 Hz, \pm 3 dB
Signal-to Noise Ratio:	
Dolby NR OFF	56 dB (IEC, 250 nWb/m, TYPE IV tape)
Dolby NR OFF	59 dB (TYPE IV tape)
Dolby S NR ON	80 dB (TYPE IV tape)
Dolby B NR ON	67 dB (TYPE IV tape)
Dolby C NR ON	74 dB (TYPE IV tape) (3rd H.D., 3%, TYPE IV tape)
Harmonic Distortion	Less than 1.7 % (at 315 Hz, 3rd H.D., 250nWb/m, TYPE IV tape)
Wow and Flutter	\pm 0.19 % (DIN) 0.07 % (W.R.M.S)
Input sensitivity / Impedance:	
LINE IN	100 mV / 34 k Ω
Output Level / Impedance:	
LINE OUT	775 mV / 1 k Ω
Headphones	0.5 mW / 32 Ω

[GENERAL]

Power Consumption	30 W
Dimensions	W : 440 mm (17-5 / 16") H : 124 mm (4-7 / 8") D : 374 mm (14-3 / 4")
Weight (Net)	4.6 kg (10.1 lb)

[MODEL : KX-3080]

Track System	4-track, 2-channel stereo
Recording System	AC bias (Frequency : 105 kHz)
Heads	
Playback / recording head	1
Erasing head	1
Motors	DC motor x 2
Fast Winding Time	Approx. 90 seconds (C-60 tape)
Frequency Response:	
TYPE I Tape	20 Hz to 18,000 Hz, \pm 3 dB
TYPE II Tape	20 Hz to 18,000 Hz, \pm 3 dB
TYPE IV Tape	20 Hz to 19,000 Hz, \pm 3 dB
Signal-to Noise Ratio:	
Dolby NR OFF	56 dB (IEC, 250 nWb/m, TYPE IV tape)
Dolby NR OFF	59 dB (TYPE IV tape)
Dolby B NR ON	67 dB (TYPE IV tape)
Dolby C NR ON	74 dB (TYPE IV tape) (3rd H.D., 3%, TYPE IV tape)
Harmonic Distortion	Less than 1.7 % (at 315 Hz, 3rd H.D., 250nWb/m, TYPE IV tape)
Wow and Flutter	\pm 0.19 % (DIN) 0.07 % (W.R.M.S)
Input sensitivity / Impedance:	
LINE IN	100 mV / 34 k Ω
Output Level / Impedance:	
LINE OUT	775 mV / 1 k Ω
Headphones	0.5 mW / 32 Ω

[GENERAL]

Power Consumption	30 W
Dimensions	W : 440 mm (17-5 / 16") H : 124 mm (4-7 / 8") D : 374 mm (14-3 / 4")
Weight (Net)	4.6 kg (10.1 lb)

KX-3080/5080S

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the General market(M) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

KENWOOD CORPORATION

14-6,Dogenzaka 1-chome, Shibuya-ku, Tokyo, 150 Japan

KENWOOD SERVICE CORPORATION

P.O BOX 22745, 2201 East Dominguez St, Long Beach, CA 90801-5745, U.S.A.

KENWOOD ELECTRONICS CANADA INC.

6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8

KENWOOD ELECTRONICS LATIN AMERICA S.A.

P.O BOX 55-2791, Piso 6 plaza Chasa, Cl. 47 y Aquilino de la Guardia Panama, Republic de Panama

TRIO-KENWOOD U.K. LIMITED

KENWOOD House, Dwight Road, Watford, Herts., WD1 8EB., United Kingdom

KENWOOD ELECTRONICS BENELUX N.V.

Meachelsesteenweg 418, B-1930 Zaventem, Belgium

KENWOOD ELECTRONICS DEUTSCHLAND GMBH

Rembrücker Str. 15, 63150 Heusenstamm, Germany

TRIO-KENWOOD FRANCE S.A.

13 Boulevard Ney, 75018 Paris, France

KENWOOD ELECTRONICS ITALIA S.p.A.

Via G. Sirtori, 7/9 20129, Milano, Italy

KENWOOD IBÉRICA S.A.

Bolivia, 239-08020 Barcelona, Spain

KENWOOD ELECTRONICS AUSTRALIA PTY. LTD. (A.C.N. 001499 074)

P.O Box 504, 8 Figtree Drive, Australia Centre, Homebush, N.S.W. 2140, Australia

KENWOOD & LEE ELECTRONICS, LTD.

Unit 3712-3724, Level 37, Tower 1, Metropiazza, 223 Hing Fong Road, Kwai Fong N.T., Hong Kong

KENWOOD ELECTRONICS SINGAPORE PTE LTD.

No. 1 Genting Lane # 07-00, KENWOOD Building, Singapore, 349544

KENWOOD ELECTRONICS (MALAYSIA) SDN BHD

10th Floor, Block B, Wisma Sermantan, No. 12 Janlan Gelenggang, Bukit Damansara, 50490 Kuala Lumpur, Malaysia